

# SYNALLOY CORP

## FORM 10-K (Annual Report)

Filed 03/30/16 for the Period Ending 12/31/15

Address	775 SPARTAN BLVD., STE 102 P O BOX 5627 SPARTANBURG, SC 29304
Telephone	864-585-3605
CIK	0000095953
Symbol	SYNL
SIC Code	3317 - Steel Pipe and Tubes
Industry	Constr. - Supplies & Fixtures
Sector	Capital Goods
Fiscal Year	12/31

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
Form 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934  
FOR THE FISCAL YEAR ENDED DECEMBER 31, 2015

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934  
COMMISSION FILE NUMBER 0-19687



**SYNALLOY CORPORATION**

(Exact name of registrant as specified in its charter)

Delaware

(State of incorporation)

57-0426694

(I.R.S. Employer Identification No.)

4510 Cox Road, Suite 201, Richmond, Virginia, 23060

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (864) 585-3605

Securities registered pursuant to Section 12(b) of the Act

Common Stock, \$1.00 Par Value

(Title of Class)

Name of each exchange on which registered:

NASDAQ Global Market

Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one)

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes  No

Based on the closing price as of July 4, 2015, which was the last business day of the registrant's most recently completed second fiscal quarter, the aggregate market value of the common stock held by non-affiliates of the registrant was \$112.2 million. Based on the closing price as of March 7, 2016, the aggregate market value of common stock held by non-affiliates of the registrant was \$69.9 million. The registrant did not have any non-voting common equity outstanding at either date.

The number of shares outstanding of the registrant's common stock as of March 7, 2016 was 8,639,870.

Documents Incorporated By Reference

Portions of the Proxy Statement for the 2016 annual shareholders' meeting are incorporated by reference into Part III of this Form 10-K.

**Synalloy Corporation**  
**Form 10-K**  
**For Period Ended December 31, 2015**  
**Table of Contents**

	<u>Page #</u>
Part I	
Item 1	Business <a href="#">2</a>
Item 1A	Risk Factors <a href="#">6</a>
Item 1B	Unresolved Staff Comments <a href="#">13</a>
Item 2	Properties <a href="#">14</a>
Item 3	Legal Proceedings <a href="#">14</a>
Item 4	Mine Safety Disclosures <a href="#">14</a>
Part II	
Item 5	Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Security <a href="#">15</a>
Item 6	Selected Financial Data <a href="#">17</a>
Item 7	Management's Discussion and Analysis of Financial Condition and Results of Operations <a href="#">18</a>
Item 7A	Quantitative and Qualitative Disclosures about Market Risks <a href="#">28</a>
Item 8	Financial Statements and Supplementary Data <a href="#">29</a>
	Notes to Consolidated Financial Statements <a href="#">33</a>
	Segment Information <a href="#">50</a>
	Management's Annual Report On Internal Control Over Financial Reporting <a href="#">59</a>
	Report of Independent Registered Public Accounting Firm - Consolidated Financial Statements - KPMG LLP <a href="#">60</a>
	Report of Independent Registered Public Accounting Firm - Internal Control - KPMG LLP <a href="#">61</a>
	Report of Independent Registered Public Accounting Firm - Consolidated Financial Statements - Dixon Hughes Goodman LLP <a href="#">62</a>
Item 9	Changes in and Disagreements with Accountants on Accounting and Financial Disclosure <a href="#">63</a>
Item 9A	Controls and Procedures <a href="#">63</a>
Item 9B	Other Information <a href="#">63</a>
Part III	
Item 10	Directors, Executive Officers and Corporate Governance <a href="#">63</a>
Item 11	Executive Compensation <a href="#">63</a>
Item 12	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters <a href="#">64</a>
Item 13	Certain Relationships and Related Transactions <a href="#">64</a>
Item 14	Principal Accountant Fees and Services <a href="#">64</a>
Part IV	
Item 15	Exhibits and Financial Statement Schedules <a href="#">65</a>
Signatures	<a href="#">67</a>
Index to Exhibits	<a href="#">68</a>

## Forward-Looking Statements

This Annual Report on Form 10-K includes and incorporates by reference "forward-looking statements" within the meaning of the federal securities laws. All statements that are not historical facts are forward-looking statements. The words "estimate," "project," "intend," "expect," "believe," "should," "anticipate," "hope," "optimistic," "plan," "outlook," "should," "could," "may" and similar expressions identify forward-looking statements. The forward-looking statements are subject to certain risks and uncertainties, including without limitation those identified below, which could cause actual results to differ materially from historical results or those anticipated. Readers are cautioned not to place undue reliance on these forward-looking statements. The following factors could cause actual results to differ materially from historical results or those anticipated: adverse economic conditions; the impact of competitive products and pricing; product demand and acceptance risks; raw material and other increased costs; raw materials availability; employee relations; ability to maintain workforce by hiring trained employees; labor efficiencies; customer delays or difficulties in the production of products; new fracking regulations; a prolonged decrease in oil prices; unforeseen delays in completing the integrations of acquisitions; risks associated with mergers, acquisitions, dispositions and other expansion activities; financial stability of our customers; environmental issues; unavailability of debt financing on acceptable terms and exposure to increased market interest rate risk; inability to comply with covenants and ratios required by our debt financing arrangements; ability to weather an economic downturn; loss of consumer or investor confidence and other risks detailed from time-to-time in Synalloy Corporation's Securities and Exchange Commission filings. Synalloy Corporation assumes no obligation to update any forward-looking information included in this Annual Report on Form 10-K.

## PART I

### Item 1 Business

Synalloy Corporation, a Delaware corporation, was incorporated in 1958 as the successor to a chemical manufacturing business founded in 1945. Its charter is perpetual. The name was changed on July 31, 1967 from Blackman Uhler Industries, Inc. On June 3, 1988, the state of incorporation was changed from South Carolina to Delaware. The Company's executive office is located at 4510 Cox Road, Suite 201, Richmond, Virginia 23060 with an additional corporate and shared services office at 775 Spartan Boulevard, Suite 102, Spartanburg, South Carolina 29301. Unless indicated otherwise, the terms "Company," "we" "us," and "our" refer to Synalloy Corporation and its consolidated subsidiaries.

The Company's business is divided into two reportable operating segments, the Metals Segment and the Specialty Chemicals Segment. The Metals Segment operates as three reporting units including Bristol Metals, LLC ("BRISMET"), a wholly-owned subsidiary of Synalloy Metals, Inc., Palmer of Texas Tanks, Inc. ("Palmer") and Specialty Pipe & Tube, Inc. ("Specialty"). BRISMET manufactures stainless steel and other alloy pipe. Palmer manufactures liquid storage solutions and separation equipment, and Specialty is a master distributor of seamless carbon pipe and tube. The Metals Segment's markets include the chemical, petrochemical, pulp and paper, mining, power generation (including nuclear), water and waste water treatment, liquid natural gas ("LNG"), brewery, food processing, petroleum, pharmaceutical and other industries. The Specialty Chemicals Segment operates as one reporting unit which includes Manufacturers Chemicals, LLC ("MC"), a wholly-owned subsidiary of Manufacturers Soap and Chemical Company ("MS&C"), and CRI Tolling, LLC ("CRI Tolling"). The Specialty Chemicals Segment produces specialty chemicals for the chemical, paper, metals, mining, agricultural, fiber, paint, textile, automotive, petroleum, cosmetics, mattress, furniture, janitorial and other industries. MC manufactures lubricants, surfactants, defoamers, reaction intermediaries and sulfated fats and oils. CRI Tolling provides chemical tolling manufacturing resources to global and regional chemical companies and contracts with other chemical companies to manufacture certain, pre-defined products.

### General

**Metals Segment** – This segment is comprised of three wholly-owned subsidiaries: Synalloy Metals, Inc., which owns 100 percent of BRISMET, located in Bristol, Tennessee; Palmer, located in Andrews, Texas; and Specialty, located in Mineral Ridge, Ohio and Houston, Texas.

BRISMET manufactures welded pipe, primarily from stainless steel, but also from other corrosion-resistant metals. Pipe is produced in sizes from one-half inch to 120 inches in diameter and wall thickness up to one and one-half inches. Eighteen-inch and smaller diameter pipe is made on equipment that forms and welds the pipe in a continuous process. Pipe larger than 18 inches in diameter is formed on presses or rolls and welded on batch welding equipment. Pipe is normally produced in standard 20-foot lengths. However, BRISMET has unusual capabilities in the production of long length pipe without circumferential welds. This can reduce the installation cost for the customer. Lengths up to 60 feet can be produced in sizes up to 18 inches in diameter. In larger sizes BRISMET has a unique ability among domestic producers to make 48-foot lengths in diameters up to 36 inches. Over the past four years, BRISMET has made substantial capital improvements, installing an energy efficient furnace to anneal pipe quicker while minimizing natural gas usage; system improvements in pickling to maintain the proper chemical composition of the pickling

acid; and converting the former Bristol Fabrication facility into a heavy wall welded pipe production shop by adding a 4,000 ton press along with all necessary ancillary processes.

Palmer is an International Organization for Standardization ("ISO") 9001 certified manufacturer of fiberglass and steel storage tanks for the oil and gas, waste water treatment and municipal water industries. Located in Andrews, Texas, Palmer is ideally located in the heart of a significant oil and gas production territory. Palmer produces made-to-order fiberglass tanks, utilizing a variety of custom mandrels and application specific materials. Its fiberglass tanks range from two feet to 30 feet in diameter at various heights. The majority of these tanks are used for oil field waste water capture and is an integral part of the environmental regulatory compliance of the drilling process. Each fiberglass tank is manufactured to American Petroleum Institute Q1 standards to ensure product quality. Palmer's steel storage tank facility enables efficient, environmentally compliant production with designed-in expansion capability to support future growth. Finished steel tanks range in size from 50 to 10,000 barrels and are used to store extracted oil. During 2014, Palmer obtained all of the necessary certifications to produce certified pressure vessels. These certifications allow Palmer to sell all of the separator and storage equipment needed at a well site.

Specialty is a leading master distributor of hot finish, seamless, carbon steel pipe and tubing, with an emphasis on large outside diameters and exceptionally heavy wall thickness. Specialty's products are primarily used for mechanical and high pressure applications in the oil and gas, capital goods manufacturing, heavy industrial, construction equipment, paper and chemical industries. Operating from two facilities located in Mineral Ridge, Ohio and Houston, Texas, Specialty is well-positioned to serve the major industrial and energy regions and successfully reach other target markets across the United States. Specialty performs value-added processing on approximately 80 percent of products shipped, which would include cutting to length, heat treatment, testing, boring and end finishing and typically processes and ships orders in 24 hours or less. Based upon its short lead times, Specialty plays a critical role in the supply chain, supplying long lead-time items to markets that demand fast deliveries, custom lengths and reliable execution of orders.

In order to establish stronger business relationships, the Metals Segment uses only a few raw material suppliers. Seven suppliers furnish about 78 percent of total dollar purchases of raw materials, with one supplier furnishing 34 percent of material purchases. However, the Company does not believe that the loss of this supplier would have a materially adverse effect on the Company as raw materials are readily available from a number of different sources, and the Company anticipates no difficulties in fulfilling its requirements.

**Specialty Chemicals Segment** – This segment consists of the Company's wholly-owned subsidiary MS&C. MS&C owns 100 percent of the membership interests of MC, which has a production facility in Cleveland, Tennessee and a warehouse in Dalton, Georgia. This segment also includes CRI Tolling which is located in Fountain Inn, South Carolina. MC and CRI Tolling are aggregated as one reporting unit and comprise the Specialty Chemicals Segment. Both facilities are fully licensed for chemical manufacture. MC manufactures lubricants, surfactants, defoamers, reaction intermediaries and sulfated fats and oils. CRI Tolling provides chemical tolling manufacturing resources to global and regional companies and contracts with other chemical companies to manufacture certain pre-defined products.

MC produces over 1,100 specialty formulations and intermediates for use in a wide variety of applications and industries. MC's primary product lines focus on the areas of defoamers, surfactants and lubricating agents. Over 20 years ago, MC began diversifying its marketing efforts and expanding beyond traditional textile chemical markets. These three fundamental product lines find their way into a large number of manufacturing businesses. Over the years, the customer list has grown to include end users and chemical companies that supply paper, metal working, surface coatings, water treatment, paint, mining and janitorial applications. MC's capabilities also include the sulfation of fats and oils. These products are used in a wide variety of applications and represent a renewable resource, animal and vegetable derivatives, as alternatives to more expensive and non-renewable petroleum derivatives. At its Dalton, Georgia warehouse, MC stores and ships chemicals and specialty chemicals manufactured at MC's Cleveland, Tennessee plant to the carpet and rug market.

MC's strategy has been to focus on industries and markets that have good prospects for sustainability in the U.S. in light of global trends. MC's marketing strategy relies on sales to end users through its own sales force, but it also sells chemical intermediates to other chemical companies and distributors. It also has close working relationships with a significant number of major chemical companies that outsource their production for regional manufacture and distribution to companies like MC. MC has been ISO registered since 1995.

CRI Tolling is located in Fountain Inn, South Carolina and was acquired by the Company in 2013. CRI Tolling had underutilized manufacturing capacity which allowed the Specialty Chemicals Segment to expand production from MC's Cleveland, Tennessee facility to further penetrate existing markets, as well as develop new ones, including those in the energy industry, and provides redundant production capabilities for key products. The Company invested approximately \$3,500,000 in equipment at CRI Tolling during 2014. The new equipment provided CRI Tolling with production capabilities similar to those currently in place at MC's facility and increased the production capacity of the Specialty Chemicals Segment by 60 percent.

The Specialty Chemicals Segment maintains two laboratories for applied research and quality control which are staffed by eight employees.

Most raw materials used by the segment are generally available from numerous independent suppliers and almost 45 percent of total purchases are from its top eight suppliers. While some raw material needs are met by a sole supplier or only a few suppliers, the Company anticipates no difficulties in fulfilling its raw material requirements.

Please see Note 15 to the Consolidated Financial Statements, which are included in Item 8 of this Form 10-K, for financial information about the Company's segments.

### **Sales and Distribution**

**Metals Segment** – The Metals Segment utilizes separate sales organizations for its different product groups. Stainless steel pipe is sold nationwide under the BRISMET trade name through authorized stocking distributors at warehouse locations throughout the country. In addition, large quantity orders are shipped directly from BRISMET's plant to end-user customers. Producing sales and providing service to the distributors and end-user customers are BRISMET's President, two outside sales employees, seven independent manufacturers' representatives and nine inside sales employees.

Palmer does not employ a dedicated external sales and marketing resource. However, it employs three inside sales professionals that manage the relationships with past customers to identify and secure new sales. Additionally, the Metals Segment President assists in account relationship management with large customers. Customer feedback and in-field experience generate product enhancements and new product development.

Approximately 80 percent of Specialty's pipe and tube sales are to North American pipe and tube distributors with the remainder comprised of sales to end use customers. In addition to Specialty's President, Specialty utilizes two manufacturing representatives and 8 inside sales employees, whom are located at both locations, to obtain sales orders and service its customers.

The Metals Segment had one domestic customer that accounted for approximately 14 percent of the segment's revenues in 2015 with a different customer representing approximately ten percent of revenues in 2013. There were no customers representing more than ten percent of the Metals Segment's revenues for 2014.

**Specialty Chemicals Segment** – Specialty chemicals are sold directly to various industries nationwide by five full-time outside sales employees and 13 manufacturers' representatives. The Specialty Chemicals Segment had one customer that accounted for approximately 31 percent of the segment's revenues in 2015 and 2014 with a different domestic customer representing 40 percent in 2013. The change in customers resulted from the 2013 customer selling two of the three product lines which use our products to another company in early 2014. The Specialty Chemicals Segment successfully retained the acquiring customer's business. This new customer is a large global company, and the purchases by this customer are derived from two different business units that operate autonomously from each other. Even so, loss of this customer's revenues would have a material adverse effect on both the Specialty Chemicals Segment and the Company.

### **Competition**

**Metals Segment** – Welded stainless steel pipe is the largest sales volume product of the Metals Segment. Although information is not publicly available regarding the sales of most other producers of this product, management believes that the Company is one of the largest domestic producers of such pipe. This commodity product is highly competitive with nine known domestic producers, including the Company, and imports from many different countries.

Due to the size of the tanks produced and shipped to its customers, the majority of Palmer's products are sold within a 300 mile radius from its plant in Andrews, Texas. There are currently 14 tank producers, with similar capabilities, servicing that same area.

Specialty is a leader in the specialized products segment of the pipe and tube market by offering an industry-leading in-stock inventory of a broad range of high quality products, including specialized products with limited availability. Specialty's dual branches have both common and regional-specific products and capabilities. There are four known significant pipe and tube distributors with similar capabilities to Specialty.

**Specialty Chemicals Segment** – The Company is the sole producer of certain specialty chemicals manufactured for other companies under processing agreements and also produces proprietary specialty chemicals. The Company's sales of specialty products are insignificant compared to the overall market for specialty chemicals. The market for most of the products is highly competitive and many competitors have substantially greater resources than does the Company.

## **Mergers, Acquisitions and Dispositions**

The Company is committed to a long-term strategy of (a) reinvesting capital in our current business segments to foster their organic growth, (b) disposing of underperforming business segments with negative projected cash flows and (c) completing acquisitions that expand our current business segments or establish new manufacturing platforms. Targeted acquisitions are priced to be economically feasible and focus on achieving positive long-term benefits. These acquisitions may be paid for in the form of cash, stock, debt or a combination thereof. The amount and type of consideration and deal charges paid could have a short-term dilutive effect on the Company's earnings per share. However, such transactions are anticipated to provide long-term economic benefit to the Company.

On November 21, 2014, the Company entered into a Stock Purchase Agreement with The Davidson Corporation, a Delaware corporation ("Davidson"), to purchase all of the issued and outstanding stock of Specialty. Established in 1964 with distribution centers in Mineral Ridge, Ohio and Houston, Texas, Specialty is a master distributor of seamless carbon pipe and tube, with a focus on heavy wall, large diameter products. The purchase price for the all-cash acquisition was \$31,500,000. Davidson had the potential to receive earn-out payments up to a total of \$5,000,000 if Specialty achieved targeted sales revenue over a two-year period following closing. Sales revenues since the acquisition have not reached nor are expected to reach minimum earn-out levels. Therefore, Davidson should not receive any earn-out payments. The purchase price for the acquisition was funded through a combination of cash on hand, a new term loan with the Company's bank and an increase to the Company's current credit facility. The financial results for Specialty are reported as a part of the Company's Metals Segment.

On August 29, 2014, the Company completed the sale of all of the issued and outstanding membership interests of its wholly owned subsidiary, Ram-Fab, LLC, a South Carolina limited liability company ("Ram-Fab"), to a subsidiary of Primoris Services Corporation. The transaction was valued at less than \$10 million, which consideration included cash at closing, Synalloy's ability to receive potential future earn-out payment(s) and the retention of specified Ram-Fab current assets. The Company did not receive any earn-out payments due to the profitability realized by Primoris on the job that was in process at the time of sale. The Company realized a one-time charge in the third quarter of 2014 of \$1,996,000 for costs associated with the sale plus a \$947,000 charge to write off the Company's investment in Ram-Fab. These charges, along with all non-recurring revenues and expenses associated with Ram-Fab are included in the respective consolidated financial statements as discontinued operations. Ram-Fab was reported as a part of the Metals Segment.

On June 27, 2014, the Company completed the planned closure of the Bristol Fabrication unit of Synalloy Fabrication, LLC ("Bristol Fab"). Bristol Fab's collective bargaining agreement with the United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada Local Union No. 538 (the "Union") expired on February 15, 2014. After lengthy negotiations with the Union, Bristol Fab was unable to reach an agreement. Also, upon closure of the operation, the Company was legally obligated to pay a withdrawal liability to the Union's pension fund of over \$1.9 million. The Company realized charges in the fourth quarter of 2015 and in the second quarter of 2014 of \$1,902,000 and \$6,988,000, respectively, for costs associated with the closure of Bristol Fab. These costs, along with all non-recurring revenues and expenses associated with Bristol Fab, are included in the respective consolidated financial statements as discontinued operations.

In August, 2013, the Company, through its wholly-owned subsidiary CRI Tolling, completed the purchase of the business assets of Color Resources, LLC ("CRI") and the building and land located in Fountain Inn, South Carolina where CRI was the sole tenant (the "CRI Facility"). CRI Tolling, a South Carolina limited liability company and wholly-owned subsidiary of the Company, continued CRI's business as that of a toll manufacturer that provides outside manufacturing resources to global and regional chemical companies. On August 9, 2013, Synalloy purchased the CRI Facility for a total purchase price of \$3,450,000. On August 26, 2013, the Company purchased certain assets and assumed certain operating liabilities of CRI through CRI Tolling for a total purchase price of \$1,100,000. The assets purchased from CRI included accounts receivable, inventory, certain other assets, and equipment, net of assumed payables. The Company used the acquisition of CRI and the CRI Facility to expand its production capacity from its Cleveland, Tennessee facility to further penetrate existing markets, as well as develop new ones, including those in the energy industry. CRI Tolling operates as a division of Synalloy's Specialty Chemicals Segment, which includes MC. The Company viewed both the building and operating assets of CRI together as one business, capable of providing a return to ownership by expanding the segment's production capacity.

## **Environmental Matters**

Environmental expenditures that relate to an existing condition caused by past operations and do not contribute to future revenue generation are expensed. Liabilities are recorded when environmental assessments and/or cleanups are probable and the costs of these assessments and/or cleanups can be reasonably estimated. Changes to laws and environmental issues, including climate change, are made or proposed with some frequency and some of the proposals, if adopted, might directly or indirectly result in a material reduction in the operating results of one or more of our operating units. We are presently unable to foresee the future well enough to quantify such risks. See Note 7 to the Consolidated Financial Statements, which are included in Item 8 of this Form 10-K, for further discussion.

## Research and Development Activities

The Company spent approximately \$548,000 in 2015, \$531,000 in 2014 and \$558,000 in 2013 on research and development activities that were expensed in its Specialty Chemicals Segment. Five individuals, all of whom are graduate chemists, are engaged primarily in research and development of new products and processes, the improvement of existing products and processes, and the development of new applications for existing products.

## Seasonal Nature of the Business

With the exception of Palmer and Specialty's Houston location, which primarily serves the oil and gas industry, the Company's businesses and products are generally not subject to any seasonal impact that results in significant variations in revenues from one quarter to another. Fourth quarter revenue and profit for Palmer and Specialty Houston can be as much as 25 percent below the other three quarters due to vacation schedules for customer field crews working at the drill sites.

## Backlogs

The Specialty Chemicals Segment operates primarily on the basis of delivering products soon after orders are received. Accordingly, backlogs are not a factor in this business. The same applies to commodity pipe sales in the Metals Segment. However, backlogs are important in the Metals Segment's steel and fiberglass tank operations since tanks are produced only after orders are received. Its backlog of open orders were \$9,964,000 and \$12,229,000 at the end of 2015 and 2014, respectively.

## Employee Relations

At December 31, 2015, the Company had 411 employees. The Company considers relations with employees to be satisfactory. The number of employees of the Company represented by unions, located at the Bristol, Tennessee and Mineral Ridge, Ohio facilities, is 145, or 35 percent of the Company's employees. They are represented by two locals affiliated with the United Steelworkers. Collective bargaining contracts for the Steelworkers will expire in June 2017 and July 2019.

## Financial Information about Geographic Areas

Information about revenues derived from domestic and foreign customers is set forth in Note 15 to the Consolidated Financial Statements.

## Available information

The Company electronically files with the Securities and Exchange Commission ("SEC") its annual reports on Form 10-K, its quarterly reports on Form 10-Q, its periodic reports on Form 8-K, amendments to those reports filed or furnished pursuant to Section 13(a) of the Securities Exchange Act of 1934 (the "1934 Act"), and proxy materials pursuant to Section 14 of the 1934 Act. The SEC maintains a site on the Internet, [www.sec.gov](http://www.sec.gov), which contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. The Company also makes its filings available, free of charge, through its Web site, [www.synalloy.com](http://www.synalloy.com), as soon as reasonably practical after the electronic filing of such material with the SEC. The information on the Company's Web site is not incorporated into this Annual Report on Form 10-K or any other filing the Company makes with the SEC.

## Item 1A Risk Factors

There are inherent risks and uncertainties associated with our business that could adversely affect our operating performance and financial condition. Set forth below are descriptions of those risks and uncertainties that we believe to be material, but the risks and uncertainties described are not the only risks and uncertainties that could affect our business. Reference should be made to "Forward-Looking Statements" above, and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in Item 7 below.

*The cyclical nature of the industries in which our customers operate causes demand for our products to be cyclical, creating uncertainty regarding future profitability.* Various changes in general economic conditions affect the industries in which our customers operate. These changes include decreases in the rate of consumption or use of our customers' products due to economic downturns. Other factors causing fluctuation in our customers' positions are changes in market demand, capital spending, lower overall pricing due to domestic and international overcapacity, lower priced imports, currency fluctuations, and increases in use or decreases in prices of substitute materials. As a result of these factors, our profitability has been and may in the future be subject to significant fluctuation.



*Domestic competition could force lower product pricing and may have an adverse effect on our revenues and profitability.* From time-to-time, intense competition and excess manufacturing capacity in the commodity stainless steel industry have resulted in reduced selling prices, excluding raw material surcharges, for many of our stainless steel products sold by the Metals Segment. In order to maintain market share, we would have to lower our prices to match the competition. These factors have had and may continue to have an adverse impact on our revenues, operating results and financial condition and may continue to do so in the future.

*Our business, financial condition and results of operations could be adversely affected by an increased level of imported products.* Our business is susceptible to the import of products from other countries, particularly steel products. Import levels of various products are affected by, among other things, overall world-wide demand, lower cost of production in other countries, the trade practices of foreign governments, government subsidies to foreign producers and governmentally imposed trade restrictions in the United States. Although imports from certain countries have been curtailed by anti-dumping duties, imported products from other countries could significantly reduce prices. Increased imports of certain products, whether illegal dumping or legal imports, could reduce demand for our products in the future and adversely affect our business, financial position, results of operations or cash flows.

*The Specialty Chemicals Segment uses significant quantities of a variety of specialty and commodity chemicals in its manufacturing processes, which are subject to price and availability fluctuations that may have an adverse impact on our financial performance.* The raw materials we use are generally available from numerous independent suppliers. However, some of our raw material needs are met by a sole supplier or only a few suppliers. If any supplier that we rely on for raw materials ceases or limits production, we may incur significant additional costs, including capital costs, in order to find alternate, reliable raw material suppliers. We may also experience significant production delays while locating new supply sources, which could result in our failure to timely deliver products to our customers. Purchase prices and availability of these critical raw materials are subject to volatility. Some of the raw materials used by the Specialty Chemicals Segment are derived from petrochemical-based feedstock, such as crude oil and natural gas, which have been subject to historical periods of rapid and significant movements in price. These fluctuations in price could be aggravated by factors beyond our control such as political instability, and supply and demand factors, including Organization of the Petroleum Exporting Countries ("OPEC") production quotas and increased global demand for petroleum-based products. At any given time we may be unable to obtain an adequate supply of these critical raw materials on a timely basis, at prices and other terms acceptable, or at all. If suppliers increase the price of critical raw materials, we may not have alternative sources of supply. We attempt to pass changes in the prices of raw materials along to our customers. However, we cannot always do so, and any limitation on our ability to pass through any price increases could have an adverse effect on our financial performance. Any significant variations in the cost and availability of our specialty and commodity materials may negatively affect our business, financial condition or results of operations, specifically for the Specialty Chemicals Segment.

*We rely on a small number of suppliers for our raw materials and any interruption in our supply chain could affect our operations.* In order to foster stronger business relationships, the Metals Segment uses only a few raw material suppliers. During the year ended December 31, 2015, seven suppliers furnished approximately 78 percent of our total dollar purchases of raw materials, with one supplier providing 34 percent. However, these raw materials are available from a number of sources, and the Company anticipates no difficulties in fulfilling its raw materials requirements for the Metals Segment. Raw materials used by the Specialty Chemicals Segment are generally available from numerous independent suppliers and approximately 45 percent of total purchases were made from our top eight suppliers during the year ended December 31, 2015. Although some raw material needs are met by a single supplier or only a few suppliers, the Company anticipates no difficulties in fulfilling its raw material requirements for the Specialty Chemicals Segment. While the Company believes that raw materials for both segments are readily available from numerous sources, the loss of one or more key suppliers in either segment, or any other material change in our current supply channels, could have an adverse effect on the Company's ability to meet the demand for its products, which could impact our operations, revenues and financial results.

*A substantial portion of our overall sales is dependent upon a limited number of customers, and the loss of one or more of such customers would have a material adverse effect on our business, results of operation and profitability.* The products of the Specialty Chemicals Segment are sold to various industries nationwide. However, the Specialty Chemicals Segment had one customer that accounted for approximately 31 percent of the Segment's revenues in 2015 and 2014 with a different domestic customer representing 40 percent in 2013. The change in customers resulted from the 2013 customer selling two of the three product lines which use our products to another company in early 2014. The Specialty Chemicals Segment successfully retained the acquiring company's business. This new customer is a large global company, and its purchases are derived from two different business units that operate independently of each other. Even so, the loss of this customer would have a material adverse effect on the revenues of the Specialty Chemicals Segment and the Company.

The Metals Segment had one customer that accounted for approximately 14 percent of revenues for 2015 with a different customer representing approximately ten percent of revenues in 2013. There were no customers representing more than ten percent of the

Metals Segment's revenues in 2014 and 2013. Palmer and Specialty, which are a part of the Metals Segment, sell much of their products to the oil and gas industry. Any change in this industry, or any change in this industry's demand for their products, would have a material adverse effect on the profits of the Metals Segment and the Company.

*Our operating results are sensitive to the availability and cost of energy and freight, which are important in the manufacture and transport of our products.* Our operating costs increase when energy or freight costs rise. During periods of increasing energy and freight costs, we might not be able to fully recover our operating cost increases through price increases without reducing demand for our products. In addition, we are dependent on third party freight carriers to transport many of our products, all of which are dependent on fuel to transport our products. The prices for and availability of electricity, natural gas, oil, diesel fuel and other energy resources are subject to volatile market conditions. These market conditions often are affected by political and economic factors beyond our control. Disruptions in the supply of energy resources could temporarily impair the ability to manufacture products for customers and may result in the decline of freight carrier capacity in our geographic markets, or make freight carriers unavailable. Further, increases in energy or freight costs that cannot be passed on to customers, or changes in costs relative to energy and freight costs paid by competitors, has adversely affected, and may continue to adversely affect, our profitability.

*Oil prices are extremely volatile. A substantial or extended decline in the price of oil could adversely affect our financial condition and results of operations.* Prices for oil can fluctuate widely. Our Palmer and Specialty (Houston, Texas) units' revenues are highly dependent on our customers adding oil well drilling and pumping locations. Should oil prices decline such that drilling becomes unprofitable for our customers, such customers will likely cap many of their current wells and cease or curtail expansion. This will decrease the demand for our tanks and pipe and tube and adversely affect the results of our operations.

*Significant changes in nickel prices could have an impact on the sales by the Metals Segment.* The Metals Segment uses nickel in a number of its products. Nickel prices are currently at a relatively low level, which reduces our manufacturing costs for certain products. When nickel prices increase, many of our customers increase their orders in an attempt to avoid future price increases, resulting in increased sales for the Metals Segment. Conversely, when nickel prices decrease, many of our customers wait to place orders in an attempt to take advantage of subsequent price decreases, resulting in reduced sales for the Metals Segment. On average, the Metals Segment turns its inventory of commodity pipe every six months, but the nickel surcharge on sales of commodity pipe is established on a weekly basis. The difference, if any, between the price of nickel on the date of purchase of the raw material and the price, as established by the surcharge, on the date of sale has the potential to create an inventory profit or loss. If the price of nickel steadily increases over time, as it did from 2005 to 2007, the Metals Segment is the beneficiary of the increase in nickel price in the form of inventory gains. Conversely, if the price of nickel steadily decreases over time, as it did from 2009 to 2013, the Metals Segment suffers inventory losses. During 2015, nickel prices fell consistently, down 13 percent, seven percent, 18 percent, and 15 percent sequentially during the four quarters, respectively. The Metals Segment incurred inventory losses of \$8,079,000 for the year ended December 31, 2015. We will incur inventory losses in the future if nickel prices decrease. Any material changes in the cost of nickel could impact our sales and result in fluctuations in the profits for the Metals Segment.

*We encounter significant competition in all areas of our businesses and may be unable to compete effectively, which could result in reduced profitability and loss of market share.* We actively compete with companies producing the same or similar products and, in some instances, with companies producing different products designed for the same uses. We encounter competition from both domestic and foreign sources in price, delivery, service, performance, product innovation and product recognition and quality, depending on the product involved. For some of our products, our competitors are larger and have greater financial resources than we do. As a result, these competitors may be better able to withstand a change in conditions within the industries in which we operate, a change in the prices of raw materials or a change in the economy as a whole. Our competitors can be expected to continue to develop and introduce new and enhanced products and more efficient production capabilities, which could cause a decline in market acceptance of our products. Current and future consolidation among our competitors and customers also may cause a loss of market share as well as put downward pressure on pricing. Our competitors could cause a reduction in the prices for some of our products as a result of intensified price competition. Competitive pressures can also result in the loss of major customers. If we cannot compete successfully, our business, financial condition and profitability could be adversely affected.

*Our lengthy sales cycle for the Specialty Chemicals Segment makes it difficult to predict quarterly revenue levels and operating results.* Purchasing the products of the Specialty Chemicals Segment is a major commitment on the part of our customers. Before a potential customer determines to purchase products from the Specialty Chemicals Segment, the Company must produce test product material so that the potential customer is satisfied that we can manufacture a product to their specifications. The production of such test materials is a time-consuming process. Accordingly, the sales process for products in the Specialty Chemicals Segment is a lengthy process that requires a considerable investment of time and resources on our part. As a result, the timing of our revenues is difficult to predict, and the delay of an order could cause our quarterly revenues to fall below our expectations and those of the public market analysts and investors.

*Our operations expose us to the risk of environmental, health and safety liabilities and obligations, which could have a material adverse effect on our financial condition, results of operations or cash flows.* We are subject to numerous federal, state and local environmental protection and health and safety laws governing, among other things:

- the generation, use, storage, treatment, transportation, disposal and management of hazardous substances and wastes;
- emissions or discharges of pollutants or other substances into the environment;
- investigation and remediation of, and damages resulting from, releases of hazardous substances; and
- the health and safety of our employees.

Under certain environmental laws, we can be held strictly liable for hazardous substance contamination of any real property we have ever owned, operated or used as a disposal site. We are also required to maintain various environmental permits and licenses, many of which require periodic modification and renewal. Our operations entail the risk of violations of those laws and regulations, and we cannot assure you that we have been or will be at all times in compliance with all of these requirements. In addition, these requirements and their enforcement may become more stringent in the future.

We have incurred, and expect to continue to incur, additional capital expenditures in addition to ordinary costs to comply with applicable environmental laws, such as those governing air emissions and wastewater discharges. Our failure to comply with applicable environmental laws and permit requirements could result in civil and/or criminal fines or penalties, enforcement actions, and regulatory or judicial orders enjoining or curtailing operations or requiring corrective measures such as the installation of pollution control equipment, which could have a material adverse effect on our financial condition, results of operations or cash flows.

We are currently, and may in the future be, required to investigate, remediate or otherwise address contamination at our current or former facilities. Many of our current and former facilities have a history of industrial usage for which additional investigation, remediation or other obligations could arise in the future and that could materially adversely affect our business, financial condition, results of operations or cash flows. In addition, we are currently and, could in the future be, responsible for costs to address contamination identified at any real property we used as a disposal site.

Although we cannot predict the ultimate cost of compliance with any of the requirements described above, the costs could be material. Non-compliance could subject us to material liabilities, such as government fines, third-party lawsuits or the suspension of non-compliant operations. We also may be required to make significant site or operational modifications at substantial cost. Future developments also could restrict or eliminate the use of or require us to make modifications to our products, which could have a significant negative impact on our results of operations and cash flows. At any given time, we are involved in claims, litigation, administrative proceedings and investigations of various types involving potential environmental liabilities, including cleanup costs associated with hazardous waste disposal sites at our facilities. We cannot assure you that the resolution of these environmental matters will not have a material adverse effect on our results of operations or cash flows. The ultimate costs and timing of environmental liabilities are difficult to predict. Liability under environmental laws relating to contaminated sites can be imposed retroactively and on a joint and several basis. We could incur significant costs, including cleanup costs, civil or criminal fines and sanctions and third-party claims, as a result of past or future violations of, or liabilities under, environmental laws.

We could be subject to third party claims for property damage, personal injury, nuisance or otherwise as a result of violations of, or liabilities under, environmental, health or safety laws in connection with releases of hazardous or other materials at any current or former facility. We could also be subject to environmental indemnification claims in connection with assets and businesses that we have acquired or divested.

There can be no assurance that any future capital and operating expenditures to maintain compliance with environmental laws, as well as costs to address contamination or environmental claims, will not exceed any current estimates or adversely affect our financial condition and results of operations. In addition, any unanticipated liabilities or obligations arising, for example, out of discovery of previously unknown conditions or changes in laws or regulations, could have an adverse effect on our business, financial condition, results of operations or cash flows.

*We are dependent upon the continued operation of our production facilities, which are subject to a number of hazards.* In both of our business segments, but especially in the Specialty Chemicals Segment, our production facilities are subject to hazards associated with the manufacture, handling, storage and transportation of chemical materials and products, including leaks and ruptures, explosions, fires, inclement weather and natural disasters, unscheduled downtime and environmental hazards which could result in liability for workplace injuries and fatalities. In addition, some of our production capabilities are highly specialized, which limits our ability to shift production to another facility in the event of an incident at a particular facility. If a production facility, or a critical portion of a production facility, were temporarily shut down, we likely would incur higher costs for alternate sources of supply for our products. We cannot assure you that we will not experience these types of incidents in the future or that these

incidents will not result in production delays, failure to timely fulfill customer orders or otherwise have a material adverse effect on our business, financial condition or results of operations.

*Certain of our employees in the Metals Segment are covered by collective bargaining agreements, and the failure to renew these agreements could result in labor disruptions and increased labor costs.* As of December 31, 2015, we had 145 employees represented by unions at our Bristol, Tennessee and Mineral Ridge, Ohio facilities, which is 35 percent of the aggregate number of Company employees. These employees are represented by two local unions affiliated with the United Steelworkers (the "Steelworkers Union"). The collective bargaining contracts for the Steelworkers Unions will expire in June 2017 and July 2019. Although we believe that our present labor relations are satisfactory, our failure to renew these agreements on reasonable terms as the current agreements expire could result in labor disruptions and increased labor costs, which could adversely affect our financial performance.

*Our current capital structure includes indebtedness, which is secured by all or substantially all of our assets and which contains restrictive covenants that may prevent us from obtaining adequate working capital, making acquisitions or capital improvements.*

Our existing credit facilities contain restrictive covenants that limit our ability to, among other things, borrow money or guarantee the debts of others, use assets as security in other transactions, make investments or other restricted payments or distributions, change our business or enter into new lines of business, and sell or acquire assets or merge with or into other companies. In addition, our credit facilities require us to meet financial ratios which could limit our ability to plan for or react to market conditions or meet extraordinary capital needs and could otherwise restrict our financing activities. Our ability to comply with the covenants and other terms of our credit facilities will depend on our future operating performance. If we fail to comply with such covenants and terms, we will be in default and the maturity of any then outstanding related debt could be accelerated and become immediately due and payable. In addition, in the event of such a default, our lender may refuse to advance additional funds, demand immediate repayment of our outstanding indebtedness, and elect to foreclose on our assets that secure the credit facilities.

There were no events of default under the covenants of our credit facilities at December 31, 2015. Although we believe we will remain in compliance with these covenants in the foreseeable future and that our relationship with our lender is strong, there is no assurance our lender would consent to an amendment or waiver in the event of noncompliance; or that such consent would not be conditioned upon the receipt of a cash payment, revised principal payout terms, increased interest rates or restrictions in the expansion of the credit facilities for the foreseeable future, or that our lender would not exercise rights that would be available to them, including, among other things, demanding payment of outstanding borrowings. In addition, our ability to obtain additional capital or alternative borrowing arrangements at reasonable rates may be adversely affected. All or any of these adverse events would further limit our flexibility in planning for, or reacting to, downturns in our business.

*We may need new or additional financing in the future to expand our business or refinance existing indebtedness, and our inability to obtain capital on satisfactory terms or at all may have an adverse impact on our operations and our financial results.* If we are unable to access capital on satisfactory terms and conditions, we may not be able to expand our business or meet our payment requirements under our existing credit facilities. Our ability to obtain new or additional financing will depend on a variety of factors, many of which are beyond our control. We may not be able to obtain new or additional financing because we may have substantial debt or because we may not have sufficient cash flows to service or repay our existing or future debt. In addition, depending on market conditions and our financial performance, equity financing may not be available on satisfactory terms or at all. If we are unable to access capital on satisfactory terms and conditions, this could have an adverse impact on our operations and our financial results.

*Our existing property and liability insurance coverages contain exclusions and limitations on coverage.* We maintain various forms of insurance, including insurance covering claims related to our properties and risks associated with our operations. From time-to-time, in connection with renewals of insurance, we have experienced additional exclusions and limitations on coverage, larger self-insured retentions and deductibles and higher premiums, primarily from the operations of the Specialty Chemicals Segment. As a result, our existing coverage may not be sufficient to cover any losses we may incur and in the future our insurance coverage may not cover claims to the extent that it has in the past and the costs that we incur to procure insurance may increase significantly, either of which could have an adverse effect on our results of operations or cash flows.

*We may not be able to make the operational and product changes necessary to continue to be an effective competitor.* We must continue to enhance our existing products and to develop and manufacture new products with improved capabilities in order to continue to be an effective competitor in our business markets. In addition, we must anticipate and respond to changes in industry standards that affect our products and the needs of our customers. We also must continue to make improvements in our productivity in order to maintain our competitive position. When we invest in new technologies, processes or production capabilities, we face risks related to construction delays, cost over-runs and unanticipated technical difficulties.

The success of any new or enhanced products will depend on a number of factors, such as technological innovations, increased manufacturing and material costs, customer acceptance and the performance and quality of the new or enhanced products. As we introduce new products or refine existing products, we cannot predict the level of market acceptance or the amount of market share these new or enhanced products may achieve. Moreover, we may experience delays in the introduction of new or enhanced products. Any manufacturing delays or problems with new or enhanced product launches will adversely affect our operating results. In addition, the introduction of new products could result in a decrease in revenues from existing products. Also, we may need more capital for product development and enhancement than is available to us, which could adversely affect our business, financial condition or results of operations. We sell our products in industries that are affected by technological changes, new product introductions and changing industry standards. If we do not respond by developing new products or enhancing existing products on a timely basis, our products will become obsolete over time and our revenues, cash flows, profitability and competitive position will suffer.

In addition, if we fail to accurately predict future customer needs and preferences, we may invest heavily in the development of new or enhanced products that do not result in significant sales and revenue. Even if we successfully innovate in the development of new and enhanced products, we may incur substantial costs in doing so, and our profitability may suffer. Our products must be kept current to meet the needs of our customers. To remain competitive, we must develop new and innovative products on an on-going basis. If we fail to make innovations, or the market does not accept our new or enhanced products, our sales and results could suffer.

Our inability to anticipate and respond to changes in industry standards and the needs of our customers, or to utilize changing technologies in responding to those changes, could have a material adverse effect on our business and our results of operations.

*Our strategy of using acquisitions and dispositions to position our businesses may not always be successful, which may have a material adverse impact on our financial results and profitability.* We have historically utilized acquisitions and dispositions in an effort to strategically position our businesses and improve our ability to compete. We plan to continue to do this by seeking specialty niches, acquiring businesses complementary to existing strengths and continually evaluating the performance and strategic fit of our existing business units. We consider acquisitions, joint ventures and other business combination opportunities as well as possible business unit dispositions. From time-to-time, management holds discussions with management of other companies to explore such opportunities. As a result, the relative makeup of the businesses comprising our Company is subject to change. Acquisitions, joint ventures and other business combinations involve various inherent risks, such as: assessing accurately the value, strengths, weaknesses, contingent and other liabilities and potential profitability of acquisition or other transaction candidates; the potential loss of key personnel of an acquired business; significant transaction costs that were not identified during due diligence; our ability to achieve identified financial and operating synergies anticipated to result from an acquisition or other transaction; and unanticipated changes in business and economic conditions affecting an acquisition or other transaction. If acquisition opportunities are not available or if one or more acquisitions are not successfully integrated into our operations, this could have a material adverse impact on our financial results and profitability.

*The loss of key members of our management team, or difficulty attracting and retaining experienced technical personnel, could reduce our competitiveness and have an adverse effect on our business and results of operations.* The successful implementation of our strategies and handling of other issues integral to our future success will depend, in part, on our experienced management team. The loss of key members of our management team could have an adverse effect on our business. Although we have entered into employment agreements key members of our management team including Craig C. Bram, President and Chief Executive Officer, Dennis M. Loughran, Senior Vice President and Chief Financial Officer, J. Kyle Pennington, President of Metals Segment, James G. Gibson, General Manager and President of Specialty Chemicals Segment, Steven J. Baroff, President and General Manager of Specialty, K. Dianne Beck, Vice President of Specialty, and Christopher D. Sitka, Vice President of Specialty, employees may resign from the Company at any time and seek employment elsewhere, subject to certain non-competition restrictions for a one-year period. Additionally, if we cannot retain our technical personnel or attract additional experienced technical personnel, our ability to compete could be harmed.

*Federal, state and local legislative and regulatory initiatives relating to hydraulic fracturing, as well as governmental reviews of such activities could result in delays or eliminate new wells from being started, thus reducing the demand for our fiberglass and steel storage tanks and heavy walled pipe and tube.* Hydraulic fracturing (“fracking”) is currently an essential and common practice to extract oil from dense subsurface rock formations and this lower cost extraction method is a significant driving force behind the surge of oil exploration and drilling in several locations in the United States. However, the Environmental Protection Agency, U.S. Congress and state legislatures have considered adopting legislation to provide additional regulations and disclosures surrounding this process. In the event that new legal restrictions surrounding the fracking process are adopted in the areas in which our customers operate, we may see a dramatic decrease in Palmer’s and Specialty - Texas’ profitability which could have an adverse impact on our financial results.

*Our results of operations could be adversely affected by goodwill impairments.* Goodwill must be tested at least annually for impairment, and more frequently when circumstances indicate likely impairment. Goodwill is considered impaired to the extent that its carrying amount exceeds its implied fair value. An impairment of goodwill could have a substantial negative effect on our profitability. The Company performed its annual impairment analysis in the fourth quarter of 2015 and concluded from the step one evaluation, where each reporting unit's fair value (based on management's projection of discounted cash flows) is compared to its respective carrying value, there is sufficient cash flows to support full valuation of the Company's tangible and intangible assets base. However, a large decline in the Company's share price during 2015 resulted in the Company's market capitalization, increased by a control factor, not being sufficient to support the goodwill recognized and resulted in an impairment charge for the Specialty and Palmer reporting units of approximately \$17,158,000 during the fourth quarter of 2015.

*Our results of operations could be adversely affected by intangible asset impairments.* As a result of our acquisitions, we had approximately \$14,700,000 of intangible assets on our balance sheet as of December 31, 2015. Intangible assets are amortized over their estimated useful lives using either an accelerated or straight-line method. Intangibles are reviewed for impairment when events or changes in circumstances indicate the carrying value of the intangible asset or group of assets may no longer be recoverable. An impairment of intangible assets could have a substantial negative effect on our profitability.

*Our allowance for doubtful accounts may not be adequate to cover actual losses.* An allowance for doubtful accounts is maintained for estimated losses resulting from the inability of our customers to make required payments and for disputed claims and quality issues. This allowance may not be adequate to cover actual losses, and future provisions for losses could materially and adversely affect our operating results. The allowance for doubtful accounts is based on prior experience, as well as an evaluation of the outstanding receivables and existing economic conditions. The amount of future losses is susceptible to changes in economic, operating and other outside forces and conditions, all of which are beyond our control, and these losses may exceed current estimates. Although management believes that the allowance for doubtful accounts is adequate to cover current estimated losses, management cannot make assurances that we will not further increase the allowance for doubtful accounts. A significant increase in the allowance for doubtful accounts could adversely affect our earnings.

*We depend on third parties to distribute certain of our products and because we have no control over such third parties we are subject to adverse changes in such parties' operations or interruptions of service, each of which may have an adverse effect on our operations.* We use third parties over which we have only limited control to distribute certain of our products. Our dependency on these third party distributors has increased as our business has grown. Because we rely on these third parties to provide distribution services, any change in our ability to access these third party distribution services could have an adverse impact on our revenues and put us at a competitive disadvantage with our competitors.

*Freight costs for products produced in our Palmer operations restrict our sales area for this facility.* The freight and other distribution costs for products sold from our Palmer facility are extremely high. As a result, the market area for these products is restricted, which limits the geographic market for Palmer's tanks and the ability to significantly increase revenues derived from sales of products from the Palmer facility.

*New regulations related to "conflict minerals" may force us to incur additional expenses, may make our supply chain more complex and may result in damage to our reputation with customers.* On August 22, 2012, under the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act"), the SEC adopted new requirements for companies that use certain minerals and metals, known as conflict minerals, in their products, whether or not these products are manufactured by third parties. These regulations require companies to conduct annual due diligence and disclose whether or not such minerals originate from the Democratic Republic of Congo and adjoining countries. Tungsten and tantalum are designated as conflict minerals under the Dodd-Frank Act. These metals are used to varying degrees in our welding materials and are also present in specialty alloy products. These new requirements could adversely affect the sourcing, availability and pricing of minerals used in our products. In addition, we could incur additional costs to comply with the disclosure requirements, including costs related to determining the source of any of the relevant minerals and metals used in our products. Since our supply chain is complex, we may not be able to sufficiently verify the origins for these minerals and metals used in our products through the due diligence procedures that we implement, which may harm our reputation. In such event, we may also face difficulties in satisfying customers who could require that all of the components of our products are conflict mineral-free.

*Our inability to sufficiently or completely protect our intellectual property rights could adversely affect our business, prospects, financial condition and results of operations.* Our ability to compete effectively in both of our business segments will depend on our ability to maintain the proprietary nature of the intellectual property used in our businesses. These intellectual property rights consist largely of trade-secrets and know-how. We rely on a combination of trade secrets and non-disclosure and other contractual agreements and technical measures to protect our rights in our intellectual property. We also depend upon confidentiality agreements with our officers, directors, employees, consultants and subcontractors, as well as collaborative partners, to maintain the proprietary nature of our intellectual property. These measures may not afford us sufficient or complete protection, and others may independently

develop intellectual property similar to ours, otherwise avoid our confidentiality agreements or produce technology that would adversely affect our business, prospects, financial condition and results of operations.

*Our internal controls over financial reporting could fail to prevent or detect misstatements.* Because of its inherent limitations, internal controls over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. Any failure to maintain effective internal controls or to timely effect any necessary improvement in our internal control and disclosure controls could, among other things, result in losses from fraud or error, harm our reputation or cause investors to lose confidence in our reported financial information, all of which could have a material adverse effect on our financial condition, results of operations and cash flows.

As reported in our Annual Report on Form 10-K for the year ended January 3, 2015, a material weakness in internal control over financial reporting was identified relating to internal controls around business combinations. Management dedicated significant resources, including retaining third party consultants, to enhance the Company's internal control over financial reporting and to assist in remediating the identified material weakness. See "Management's Annual Report On Internal Control Over Financial Reporting".

*Cyber security risks and cyber incidents could adversely affect our business and disrupt operations.* Cyber incidents can result from deliberate attacks or unintentional events. These incidents can include, but are not limited to, gaining unauthorized access to digital systems for purposes of misappropriating assets or sensitive information, corrupting data, or causing operational disruption. The result of these incidents could include, but are not limited to, disrupted operations, misstated financial data, liability for stolen assets or information, increased cyber security protection costs, litigation and reputational damage adversely affecting customer or investor confidence.

*Loss of key supplier authorizations, lack of product availability, or changes in supplier distribution programs could adversely affect our sales and earnings.* Our business depends on maintaining an immediately available supply of various products to meet customer demand. Many of our relationships with key product suppliers are longstanding, but are terminable by either party. The loss of key supplier authorizations, or a substantial decrease in the availability of their products, could put us at a competitive disadvantage and have a material adverse effect on our business. Supply interruptions could arise from raw material shortages, inadequate manufacturing capacity or utilization to meet demand, financial problems, labor disputes or weather conditions affecting suppliers' production, transportation disruptions or other reasons beyond our control.

In addition, as a master distributor, we face the risk of key product suppliers changing their relationships with distributors generally, or Specialty in particular, in a manner that adversely impacts us. For example, key suppliers could change the following: the prices we must pay for their products relative to other distributors or relative to competing products; the geographic or product line breadth of distributor authorizations; supplier purchasing incentive or other support programs; or product purchase or stock expectations.

*The purchasing incentives we earn from product suppliers can be impacted if we reduce our purchases in response to declining customer demand.* Certain of our product and raw material suppliers have historically offered to their customers and distributors, including us, incentives for purchasing their products. In addition to market or customer account-specific incentives, certain suppliers pay incentives to the customer or distributor for attaining specific purchase volumes during the program period. In some cases, in order to earn incentives, we must achieve year-over-year growth in purchases with the supplier. When the demand for our products declines, we may be less willing to add inventory to take advantage of certain incentive programs, thereby potentially adversely impacting our profitability.

#### **Item 1B Unresolved Staff Comments**

None.

## Item 2 Properties

The Company operates the major plants and facilities listed below, all of which are in adequate condition for their current usage. All facilities throughout the Company are believed to be adequately insured. The buildings are of various types of construction including brick, steel, concrete, concrete block and sheet metal. All have adequate transportation facilities for both raw materials and finished products. The Company owns all of these plants and facilities, except the warehouse facility located in Dalton, GA, a parcel of land in Mineral Ridge, OH, the corporate headquarters located in Richmond, VA, and the shared service center located in Spartanburg, SC.

<b>Location</b>	<b>Principal Operations</b>	<b>Building Square Feet</b>	<b>Land Acres</b>
Bristol, TN	Manufacturing stainless steel pipe	275,000	73.1
Cleveland, TN	Chemical manufacturing and warehousing facilities	143,000	18.8
Fountain Inn, SC	Chemical manufacturing and warehousing facilities	136,834	16.9
Andrews, TX	Manufacturing liquid storage solutions and separation equipment	122,662	19.6
Dalton, GA	Warehouse facilities <sup>(1)</sup>	32,000	2.0
Houston, TX	Cutting facility and storage yard for heavy walled pipe	29,821	10.0
Mineral Ridge, OH	Cutting facility and storage yard for heavy walled pipe	12,000	12.0
Mineral Ridge, OH	Storage yard for heavy walled pipe <sup>(1)</sup>	—	4.6
Richmond, VA	Corporate headquarters <sup>(1)</sup>	4,000	—
Spartanburg, SC	Office space for corporate employees and shared service center <sup>(1)</sup>	6,840	—
Augusta, GA	Chemical manufacturing <sup>(2)</sup>	—	46.0

(1) Leased facility / land.

(2) Plant was closed in 2001 and all structures and manufacturing equipment have been removed.

## Item 3 Legal Proceedings

For a discussion of legal proceedings, see Notes 7 and 13 to the Consolidated Financial Statements included in Item 8 of this Form 10-K.

## Item 4 Mine Safety Disclosures

Not applicable.



**PART II**

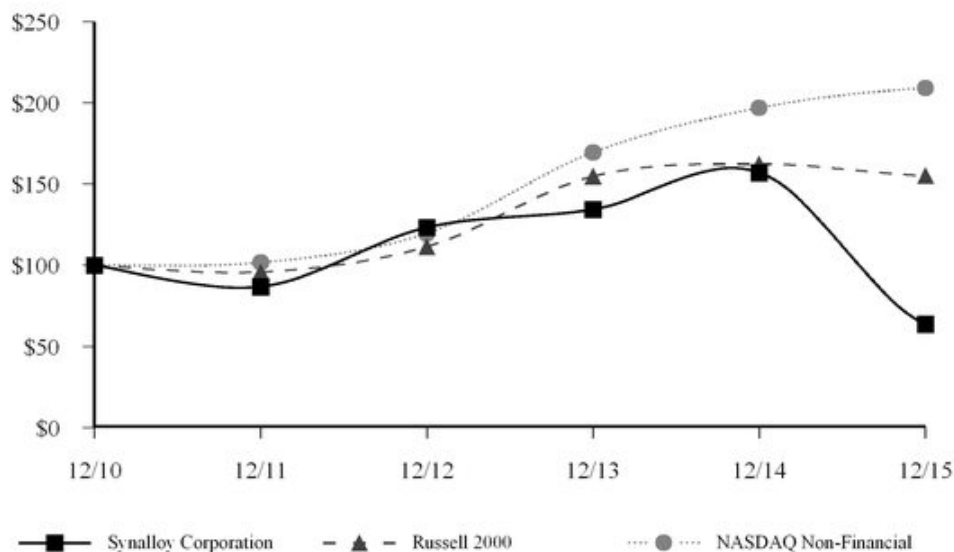
**Item 5 Market for the Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities**

The Company had 539 common shareholders of record at March 7, 2016. The Company's common stock trades on the NASDAQ Global Market under the trading symbol SYNL. The Company's credit agreement only restricts the payment of dividends through a minimum tangible net worth covenant. The Company paid a \$0.30 cash dividend on December 8, 2015, a \$0.30 cash dividend on December 9, 2014, and a \$0.26 cash dividend on December 3, 2013. The prices shown below are the high and low sales prices for the common stock for each full quarterly period in the last two fiscal years as quoted on the NASDAQ Global Market.

Quarter	2015		2014	
	High	Low	High	Low
1st	\$ 18.49	\$ 14.25	\$ 15.75	\$ 13.14
2nd	15.00	13.25	16.99	13.82
3rd	13.79	7.92	18.78	15.89
4th	10.55	6.20	18.84	14.67

The information required by Item 201(d) of Regulation S-K is set forth in Part III, Item 12 of this Annual Report on Form 10-K.

**COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN\***  
**Among Synalloy Corporation, the Russell 2000 Index, and the NASDAQ Non Financial Index**



\*\$100 invested on 12/31/10 in stock or index, including reinvestment of dividends.  
 Fiscal year ending December 31.

Source: Russell Investment Group

Comparison of 5 Year Cumulative Total Return Graph

	12/10	12/11	12/12	12/13	12/14	12/15
Synalloy Corporation	\$ 100.00	\$ 86.84	\$ 123.23	\$ 134.39	\$ 156.97	\$ 63.76
Russell 2000	100.00	95.82	111.49	154.78	162.35	155.18
NASDAQ Non-Financial	100.00	101.63	119.56	169.40	196.81	209.01

This graph and related information shall not be deemed to be "filed" with the Securities and Exchange Commission or "soliciting material" or subject to Regulation 14A, or the liabilities of Section 18 of the 1934 Act, except to the extent the Company specifically requests that such information be treated as soliciting material or specifically incorporates it by reference into a filing under the Securities Act of 1933 or the 1934 Act.

**Unregistered Sales of Equity Securities**

Pursuant to the compensation arrangement with directors discussed under Item 12 "Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters" in this Form 10-K, on May 12, 2015, the Company issued an aggregate of 8,216 shares of restricted stock to non-employee directors in lieu of \$119,000 of their annual cash retainer fees. Issuance of these shares was not registered under the Securities Act of 1933 based on the exemption provided by Section 4(2) thereof because no public offering was involved.

The Company also issued 18,303 shares of common stock in 2015 to management and key employees that vested pursuant to the 2005 Stock Awards Plan. Issuance of these shares was not registered under the Securities Act of 1933 based on the exemption provided by Section 4(2) thereof because no public offering was involved.

**Purchases of Equity Securities by the Issuer and Affiliated Purchasers**

Period	(a) Total number of shares (or units) purchased	(b) Average price paid per share (or unit)	(c) Total number of shares (or units) purchased as part of publicly announced plans or programs	(d) Maximum number (or approximate dollar value) of shares (or units) that may yet be purchased under the plans or programs
August 30, 2015 - October 3, 2015	13,800	\$ 8.88	13,800	986,200
October 4, 2015 - October 31, 2015	—	\$ —	—	986,200
November 1, 2015 - November 28, 2015	76,100	\$ 8.04	76,100	910,100
November 29, 2015 - December 31, 2015	10,500	\$ 8.20	10,500	899,600
<b>Total</b>	<b>100,400</b>		<b>100,400</b>	

The Stock Repurchase Plan was approved by the Company's Board of Directors on August 31, 2015 authorizing the Company's chief executive officer or the chief financial officer to repurchase shares of the Company's stock on the open market, provided however, that the number of shares of common stock repurchased pursuant to the resolutions adopted by the Board do not exceed 1,000,000 shares and no shares shall be repurchased at a price in excess of \$10.99 per share or during an insider trading "closed window" period. There is no guarantee on the exact number of shares that will be purchased by the Company and the Company may discontinue purchases at any time that management determines additional purchases are not warranted. The Stock Repurchase Plan will expire on August 31, 2017.

## Item 6 Selected Financial Data

### Selected Financial Data and Other Financial Information

(Dollar amounts in thousands except for per share data)

	2015 <sup>(c)</sup>	2014 <sup>(a)</sup>	2013	2012	2011
<b>Operations <sup>(b)</sup></b>					
Net sales	\$ 175,460	\$ 199,505	\$ 196,751	\$ 166,162	\$ 139,083
Gross profit	25,319	32,929	19,798	19,733	14,306
Selling, general & administrative expense	22,059	16,589	16,034	12,409	10,581
Goodwill impairment	17,158	—	—	—	—
Operating (loss) income	(13,152)	16,039	3,500	7,324	3,725
Net (loss) income - continuing operations	(10,269)	12,619	2,898	3,983	2,488
Net (loss) income - discontinued operations	(1,251)	(7,157)	(1,137)	252	3,310
Net (loss) income	(11,520)	5,462	1,761	4,235	5,797
<b>Financial Position</b>					
Total assets	149,021	187,849	163,260	148,507	98,916
Working capital <sup>(d)</sup>	58,304	64,580	74,988	65,919	56,344
Long-term debt, less current portion	23,546	27,255	20,905	37,593	8,650
Shareholders' equity	95,154	109,454	106,098	71,774	68,619
<b>Financial Ratios</b>					
Current ratio	3.2:1	2.6:1	4.0:1	3.6:1	4.1:1
Gross profit to net sales <sup>(b)</sup>	14 %	17%	10%	12%	10%
Long-term debt to capital	20 %	20%	16%	34%	11%
Return on average assets <sup>(b)</sup>	(6)%	7%	2%	3%	3%
Return on average equity <sup>(b)</sup>	(10)%	12%	3%	6%	4%
<b>Per Share Data (Income/(Loss) – Diluted)</b>					
Net (loss) income - continuing operations <sup>(b)</sup>	\$ (1.18)	\$ 1.45	\$ 0.42	\$ 0.62	\$ 0.39
Net (loss) income - discontinued operations	(0.14)	(0.82)	(0.16)	0.04	0.52
Net (loss) income	(1.32)	0.63	0.25	0.66	0.91
Dividends declared and paid	0.30	0.30	0.26	0.25	0.25
Book value	11.02	12.57	12.21	11.29	10.85
<b>Other Data</b>					
Depreciation and amortization <sup>(b)</sup>	\$ 6,755	\$ 5,191	\$ 4,672	\$ 2,962	\$ 2,225
Capital expenditures <sup>(b)</sup>	10,905	8,066	5,648	4,542	3,162
Employees at year end	411	464	670	597	441
Shareholders of record at year end	540	575	619	669	687
Average shares outstanding - diluted	8,710	8,715	6,947	6,394	6,362
<b>Stock Price</b>					
Price range of common stock					
High	\$ 18.49	\$ 18.84	\$ 17.38	\$ 14.97	\$ 15.50
Low	6.20	13.14	12.53	10.21	9.15
Close	6.88	17.67	15.53	13.49	10.27

(a) 2014 represents a 53 week year.

(b) Information in the section or line has been re-stated to reflect continuing operations only.

(c) Effective December 31, 2015, the Company changed from a fiscal year to a calendar year.

(d) For 2015, our working capital includes the effects of the adoption of ASU 2015-17, *Balance Sheet Classification and Deferred Taxes*, requiring all deferred tax assets and liabilities and any related valuation allowance to be classified as non-current on our consolidated balance sheets. Prior periods were not retrospectively adjusted.

## Item 7 Management's Discussion and Analysis of Financial Condition and Results of Operations

### Critical Accounting Policies and Estimates

Management's Discussion and Analysis of Financial Condition and Results of Operations discusses the Company's consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States of America. The preparation of these financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. On an on-going basis, management evaluates its estimates and judgments based on historical experience and on various other factors that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Management believes the following critical accounting policies, among others, affect its more significant judgments and estimates used in the preparation of the Company's consolidated financial statements.

#### Allowance for Doubtful Accounts

The Company maintained allowances for doubtful accounts of approximately \$247,000 as of December 31, 2015, for estimated losses resulting from the inability of its customers to make required payments and for disputed claims and quality issues. The allowance is based upon a review of outstanding receivables, historical collection information and existing economic conditions. The Company performs periodic credit evaluations of its customers' financial condition and generally does not require collateral. Receivables are generally due within 30 to 60 days. Delinquent receivables are written off based on individual credit evaluations and specific circumstances of the customer.

#### Inventory Adjustments and Reserves

Inventory cost is adjusted when its market value is estimated to be below manufacturing cost. At the end of each quarter, all facilities review recent sales reports to identify sales price trends that would indicate products or product lines that are being sold below our cost. This would indicate that a lower of cost or market ("LCM") inventory adjustment would be required. As of December 31, 2015, a LCM adjustment was required by our Metals Segment mainly due to decreases in nickel prices. Stainless steel, both in its raw material (coil or plate) or finished goods (pipe) state is purchased / sold using a base price plus an additional surcharge which is dependent on current nickel prices. As raw materials are purchased, it is priced to the Company based upon the surcharge at that date. When the finished pipe is ultimately sold to the customer approximately five months later, the then-current nickel surcharge is used to determine the proper selling prices. A lower of cost or market adjustment is established when the Company's inventory cost, based upon a historical nickel price, is greater than the current selling price of that product due to a reduction in the nickel surcharge. A \$1,237,000 LCM adjustment was required at December 31, 2015. No adjustment was needed at January 3, 2015.

The Company establishes inventory reserves for:

- Estimated obsolete or unmarketable inventory. As of December 31, 2015, the Company identified inventory items with no sales activity for finished goods or no usage for raw materials for a certain period of time. For those inventory items that are not currently being marketed and unable to be sold, a reserve was established for 100% of the inventory cost. At the end of the prior year, various discount factors were applied to the various levels of aged inventory to determine the obsolete inventory reserve. It is management's opinion that the new methodology provides improved visibility to identify and ultimately dispose of obsolete inventory. The Company reserved \$658,000 and \$681,000 at December 31, 2015 and January 3, 2015, respectively.
- Estimated quantity losses. The Company performs an annual physical inventory during the fourth quarter each year. For those facilities that complete their physical inventory before the end of December, a reserve is established for the potential quantity losses that could occur subsequent to their physical. This reserve is based upon the most recent physical inventory results. At December 31, 2015 and January 3, 2015, the Company had \$24,000 and \$44,000, respectively, reserved for physical inventory quantity losses.

#### Environmental Reserves

As noted in Note 7 to the Consolidated Financial Statements included in Item 8 of this Form 10-K, the Company has accrued \$551,000 as of December 31, 2015, for environmental remediation costs which, in management's best estimate, is sufficient to satisfy anticipated costs of known remediation requirements as explained in Note 7. Expenditures related to costs currently accrued are not discounted to their present values and are expected to be made over the next three to four years. However, as a result of the evolving nature of the environmental regulations, the difficulty in estimating the extent and necessary remediation of

environmental contamination, and the availability and application of technology, the estimated costs for future environmental compliance and remediation are subject to uncertainties and it is not possible to predict the amount or timing of future costs of environmental matters which may subsequently be determined. Changes in information known to management or in applicable regulations may require the Company to record additional remediation reserves.

### **Impairment of Long-Lived Assets**

The Company continually reviews the recoverability of the carrying value of long-lived assets. Long-lived assets are reviewed for impairment when events or changes in circumstances, also referred to as "triggering events", indicate that the carrying value of a long-lived asset or group of assets (the "Assets") may no longer be recoverable. Triggering events include: a significant decline in the market price of the Assets; a significant adverse change in the operating use or physical condition of the Assets; a significant adverse change in legal factors or in the business climate impacting the Assets' value, including regulatory issues such as environmental actions; the generation by the Assets of historical cash flow losses combined with projected future cash flow losses; or the expectation that the Assets will be sold or disposed of significantly before the end of the useful life of the Assets. The Company concluded that a triggering event occurred during the fourth quarter 2015 as the step 2 of goodwill impairment testing under ASC 350 indicated that the fair value of the Company's long-lived assets for the Metals Segment, based upon lower share prices of the Company's common stock at year-end, were lower than their carrying value.

As a result, the Company tested the recoverability of the long-lived assets by comparing the carrying amount of the Assets at the date of the test to the sum of the estimated future undiscounted cash flows expected to be generated by those Assets over the remaining useful life of the assets. In estimating the future undiscounted cash flows, the Company used projections of cash flows directly associated with, and which are expected to arise as a direct result of, the use and eventual disposition of the Assets. This approach required significant judgments including the Company's projected net cash flows, which were derived using the most recent available estimate for the reporting unit containing the Assets tested. Several key assumptions included periods of operation, projections of product pricing, production levels, product costs, market supply and demand, and inflation. As a result of this testing, it was determined that the carrying amount of the Assets were recoverable and an impairment loss for long-lived assets was not required.

### **Business Combinations**

Acquisitions are accounted for using the acquisition method of accounting for business combinations in accordance with GAAP. Under this method, the total consideration transferred to consummate the acquisition is allocated to the identifiable tangible and intangible assets acquired and liabilities assumed based on their respective fair values as of the closing date of the acquisition. The acquisition method of accounting requires extensive use of estimates and judgments to allocate the consideration transferred to the identifiable tangible and intangible assets, if any, acquired and liabilities assumed.

### **Goodwill**

Goodwill, which represents the excess of purchase price over fair value of net assets acquired, is tested for impairment at the reporting unit level, annually in the fourth quarter and whenever circumstances indicate that the carrying value may not be recoverable. The evaluation of impairment involves using either a qualitative or quantitative approach as outlined in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 350. The initial step of the goodwill impairment test involves a comparison of the fair value of the reporting unit in which the goodwill is recorded to its carrying amount. If the reporting unit's fair value exceeds its carrying value, no impairment loss is recognized and the second step, which is a calculation of the impairment, is not performed. However, if the reporting unit's carrying value exceeds its fair value, an impairment charge equal to the difference in the carrying value of the goodwill and the implied fair value of the goodwill is recorded. Implied fair value of goodwill is determined in the same manner as the amount of goodwill recognized in a business combination. That is, the fair value of the reporting unit is allocated to the assets and liabilities of the reporting unit as if it had been acquired in a business combination. The excess of the fair value of the reporting unit over the amounts allocated to assets and liabilities is the implied fair value of goodwill. The Company completed its annual goodwill impairment evaluation using the two-step quantitative analysis during the fourth quarter 2015 and determined that all of the goodwill within its Specialty and Palmer reporting units was impaired. The Company's Specialty and Palmer reporting units had \$1,260,000 and \$15,898,000, respectively, of goodwill impairment during the fourth quarter of 2015, both operating as part of the Metals Segment. Goodwill remaining on our consolidated balance sheet at December 31, 2015 is \$1,355,000 for MC, operating as part of the Specialty Chemicals Segment.

In making our determination of fair value of the reporting unit, we rely on the discounted cash flow method. This method uses projections of cash flows from the reporting unit. This approach requires significant judgments including the Company's projected net cash flows, the weighted average cost of capital ("WACC") used to discount the cash flows and terminal value assumptions. We derive these assumptions used in the testing from several sources. Many of these assumptions are derived from our internal budgets, which would include existing sales data based on current product lines and assumed production levels, manufacturing

costs and product pricing. We believe that our internal forecasts are consistent with those that would be used by a potential buyer in valuing our reporting units.

### **Liquidity and Capital Resources**

Cash flows provided by continuing operating activities during 2015 and 2014 totaled \$17,312,000 and \$28,104,000 respectively, a decrease in cash flows of \$10,792,000. Cash flows in 2015 were generated from net income from continuing operations totaling \$8,746,000 after adding back depreciation and amortization expense of \$6,755,000, the goodwill impairment charge of \$17,158,000 and deducting the gain on the earn-out liability of \$4,897,000, a decrease from the prior year of \$5,588,000. Accounts receivable from continuing operations generated \$11,381,000 cash during 2015 as sales decreased 27% for the fourth quarter of 2015 compared to the fourth quarter of 2014. Accounts receivable days outstanding remained relatively stable, decreasing from 54.9 days at the end of 2014 to 53.6 days at the end of 2015. Accounts payable negatively affected cash flows from continuing operations by \$9,122,000 in 2015 as the significant inventory purchases made during the fourth quarter of 2014 in the Metals Segment, which increased the 2014 year-end accounts payable balance, were paid during 2015. Accounts payable days outstanding was consistent at 45 days for both years. Accrued income taxes generated \$3,037,000 as the Company received excess tax deposits when the 2014 tax returns were filed. In prior year, these excess payments would have been applied to the subsequent year tax deposits. A decrease in inventory generated \$4,173,000 of cash during 2015. This resulted from selling the incremental inventory purchased by the Metals Segment at the end of 2014 combined with a Company directive to lower inventory levels during 2015. Inventory turns, calculated on a three month basis, decreased from 3.16 turns at the end of 2014 to 1.89 turns at the end of 2015. The 2015 calculation includes Specialty's values which, by definition of being a master pipe distributor, has a lower turnover rate.

Cash flows provided by continuing operating activities during 2014 and 2013 totaled \$28,104,000 and \$37,000 respectively, an improvement in cash flows of \$28,067,000. Cash flows in 2014 were generated from net income from continuing operations totaling \$14,334,000 after adding back depreciation and amortization expense of \$5,191,000 and deducting the gain on the Palmer earn-out liability of \$3,476,000. Since the Company acquired Specialty on November 21, 2014, cash flows resulting from changes in operating assets and liabilities cannot be determined simply by subtracting 2014 balance sheet amounts from 2013 values. The net value of all assets and liabilities acquired are shown in the "Acquisition of Specialty Pipe & Tube, Inc." line in the investing activities section of the Consolidated Statements of Cash Flows. Accordingly, these individual acquired balances represent beginning balances for Specialty for cash flow purposes. Accounts payable favorably affected cash flows from continuing operations by \$7,821,000 in 2014 as there were significant inventory purchases in the fourth quarter of 2014 in the Metals Segment which increased the 2014 year-end accounts payable balance combined with the Company experiencing an expansion in the number of accounts payable days outstanding. Accrued expenses generated \$3,996,000 cash from continuing operations resulting from increases in the management incentive bonus, uncertain tax positions and current portion of the pension liability related to the closing of Bristol Fab. These increases were partially offset by lower customer advances at the end of 2014 when compared to the end of 2013.

In 2015, the Company's current assets decreased \$20,375,000 and current liabilities decreased \$14,099,000, from the year ended 2014 amounts, which caused working capital for 2015 to decrease by \$6,276,000 to \$58,304,000 from the 2014 total of \$64,580,000. The current ratio for continuing operations for the year ended December 31, 2015, increased to 3.2:1 from the 2014 year-end ratio of 2.6:1.

The Company used cash during 2015 for investing activities to fund capital expenditures of \$10,905,000. Included in this amount is approximately \$3,428,000 for the heavy wall steel manufacturing project in the Metals Segment and \$1,547,000 for the Specialty Chemical Segment expansion. Financing activities during 2015 used \$7,153,000 as a result of payments on long-term debt combined with a fourth quarter 2015 dividend payment of \$2,618,000. The Company also, with authorization approved by the Board of Directors, repurchased 100,400 shares at a cost of \$820,460.

On November 21, 2014, the Company entered into a Stock Purchase Agreement with Davidson to purchase all of the issued and outstanding stock of Specialty. Established in 1964 with distribution centers in Mineral Ridge, Ohio and Houston, Texas, Specialty is a master distributor of seamless carbon pipe and tube, with a focus on heavy wall, large diameter products. The Company viewed the Specialty acquisition as an excellent complement to the product offerings of the Metals Segment with similar end markets and consistent profit margins. Specialty's results of operations since the acquisition date are reflected in the Company's consolidated statements of operations, and the Specialty acquisition added approximately 30 employees at January 3, 2015. The purchase price for the all-cash acquisition was approximately \$31,500,000, subject to working capital adjustments post-closing.

In connection with the CRI acquisition discussed in Note 18 to the Consolidated Financial Statements included in Item 8 of this Form 10-K, on August 9, 2013, the Company modified the Credit Agreement to fund this transaction. The Credit Agreement modification provided for a new ten-year term loan in the amount of \$4,033,000, with monthly principal payments customized to account for the 20 year amortization of the real estate assets combined with a 5-year amortization of the equipment assets purchased. In conjunction with the new term loan, to mitigate the variability of interest rate risk, the Company entered into an interest rate swap contract (the "CRI swap") on September 3, 2013. The CRI swap had an initial notional amount of \$4,033,250 with a fixed

interest rate of 4.83% and runs for ten years to August 19, 2023, which equates to the due date of the term loan. The notional amount of the CRI swap decreases as monthly principal payments are made.

In connection with the Specialty acquisition on November 21, 2014 discussed in Note 18 to the Consolidated Financial Statements included in Item 8 of this Form 10-K, the Credit Agreement was again modified to increase the limit of the credit facility to \$40,000,000 and extend the maturity date to November 21, 2017. The Credit Agreement modification provided for a new five-year term loan of \$10,000,000 that required equal monthly payments of \$166,667 plus interest. Interest on the Credit Agreement is calculated using the One Month LIBOR (as defined in the Credit Agreement), plus a pre-defined spread, based on the Company's Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement). Borrowings under the line of credit are limited to an amount equal to a borrowing base calculation that includes eligible accounts receivable, inventories and other non-capital assets.

Although the swap agreements obtained for the Palmer and CRI acquisitions are expected to effectively offset variable interest in the borrowings, hedge accounting will not be utilized. Therefore, changes in its fair value are being recorded in current assets or liabilities, as appropriate, with corresponding offsetting entries to other income (expense).

Pursuant to the Credit Agreement, the Company was required to pledge all of its tangible and intangible properties. Covenants under the Credit Agreement include maintaining a certain Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement), a minimum tangible net worth, and total liabilities to tangible net worth ratio. The Company will also be limited to a maximum amount of capital expenditures per year, which is in line with the Company's currently projected needs. At December 31, 2015, the Company was in compliance with all debt covenants.

## **Results of Operations**

### **Comparison of 2015 to 2014 – Consolidated**

For the full-year 2015, the net loss from continuing operations totaled \$10,269,000, or \$1.18 loss per share. This compared to full-year 2014 net earnings from continuing operations of \$12,619,000, or \$1.45 per share. For the fourth quarter of 2015 the Company recorded a net loss from continuing operations of \$17,717,000, or \$2.04 loss per share. This compares to net earnings from continuing operations of \$1,409,000, or \$0.16 per share for fourth quarter of 2014. The fourth quarter and full-year 2015 results were impacted by a fourth quarter 2015 pretax charge of \$17,158,000, representing the impairment of goodwill for two Metals Segment business units, Palmer and Specialty. The non-cash charge represents the application of ASC Topic 350 requiring (at least annual) impairment assessments of goodwill recorded by our business units. This assessment involves a comparison of the book value of the business units to fair value determined through analysis of management's financial projections, as well as consideration of our market capitalization. The results of the impairment analysis were significantly impacted by the Company's stock price of \$6.88 per share at December 31, 2015. A more detailed description of the accounting assessment is provided below.

Consolidated gross profit from continuing operations decreased 23 percent to \$25,319,000 in 2015, compared to \$32,929,000 in 2014, and, as a percent of sales, decreased to 14 percent of sales in 2015 compared to 17 percent of sales in 2014. For the fourth quarter of 2015, consolidated gross profit from continuing operations was \$3,424,000, a decrease of 58 percent from the fourth quarter of 2014 of \$8,247,000. Consolidated gross profit from continuing operations was ten percent of sales for the fourth quarter of 2015 and 17 percent of sales for same period of 2014. The decreases in dollars and in percentage of sales were attributable to the Metals Segment as discussed in the Metals Segment Comparison of 2015 to 2014 below. Consolidated selling, general and administrative expense from continuing operations for 2015 increased by \$5,470,000 to \$22,059,000, or 13 percent of sales, compared to \$16,589,000, or eight percent of sales for 2014. These costs increased \$1,203,000 during the fourth quarter of 2015 compared to the same period of 2014 and were 16 percent of sales for the fourth quarter 2015 compared to nine percent of sales for the fourth quarter of 2014. The dollar increase for both the year and fourth quarter of 2015 when compared to the same periods of 2014 resulted primarily from the inclusion of Specialty's selling, general and administrative expenses for the entire year and quarter for 2015. Since Specialty was acquired in November 2014, only a portion of their selling, general, and administrative expenses were included in the prior year. This accounted for \$3,746,000 and \$561,000 of the annual and fourth quarter increase in selling, general and administrative costs for 2015. The remainder of the increase resulted from higher professional fees and increased salaries and wages, partly offset by lower incentive based bonuses and sales commissions. In addition, the Company incurred \$500,000 for one-time acquisition costs associated with the Specialty acquisition in 2015 compared to \$302,000 of one-time acquisition costs associated with this acquisition in 2014. These costs were \$46,000 and \$305,000 for the fourth quarters of 2015 and 2014, respectively. All of these items will be discussed in greater detail in the respective sections below.

### **Comparison of 2014 to 2013 – Consolidated**

For the fiscal year ending January 3, 2015, the Company generated net earnings from continuing operations of \$12,619,000, or \$1.45 per share, on sales from continuing operations of \$199,505,000, compared to net earnings from continuing operations of \$2,898,000, or \$0.42 per share, on sales from continuing operations of \$196,751,000 in the prior year. The Company generated net earnings from continuing operations of \$1,409,000, or \$0.16 per share, on sales of \$48,569,000 in the fourth quarter of 2014,

compared to net loss from continuing operations of \$1,097,000, or \$0.13 loss per share, on sales from continuing operations of \$46,402,000 in the fourth quarter of 2013.

Consolidated gross profit from continuing operations increased 66 percent to \$32,929,000 in 2014, compared to \$19,798,000 in 2013, and, as a percent of sales, increased to 17 percent of sales in 2014 compared to ten percent of sales in 2013. For the fourth quarter of 2014, consolidated gross profit from continuing operations was \$8,247,000, an increase of 198 percent from the fourth quarter of 2013 of \$2,770,000. Consolidated gross profit from continuing operations was 17 percent of sales for the fourth quarter of 2014 and six percent of sales for same period of 2013. The increases in dollars and in percentage of sales were attributable to the Metals Segment as discussed in the Metals Segment Comparison of 2014 to 2013 below. Consolidated selling, general and administrative expense from continuing operations for 2014 increased by \$554,000 to \$16,588,000 compared to \$16,034,000 for 2013, and was eight percent of sales for both 2014 and 2013. These costs increased \$303,000 during the fourth quarter of 2014 compared to the same period of 2013 and was nine percent of sales for both of the fourth quarters of 2014 and 2013. The dollar increase for both the year and fourth quarter of 2014 when compared to the same periods of 2013 resulted primarily from higher incentive based bonuses and sales commissions partly offset by lower travel, professional fees and amortization expense. In addition, the Company incurred \$302,000 for one-time acquisition costs associated with the Specialty acquisition in 2014 and \$264,000 of one-time acquisition costs associated with the CRI acquisition in 2013. These costs were \$305,000 and \$61,000 for the fourth quarters of 2014 and 2013, respectively. All of these items will be discussed in greater detail in the respective sections below.

**Metals Segment** – The following table summarizes operating results from continuing operations and backlogs for the three years indicated. Reference should be made to Note 15 to the Consolidated Financial Statements included in Item 8 of this Form 10-K.

(in thousands)	2015		2014		2013	
	Amount	%	Amount	%	Amount	%
Net sales	\$ 114,908	100.0 %	\$ 134,304	100.0%	\$ 140,233	100.0%
Cost of goods sold	100,077	87.1 %	112,486	83.8%	130,166	92.8%
Gross profit	14,831	12.9 %	21,818	16.2%	10,067	7.2%
Selling, general and administrative expense	12,009	10.5 %	8,307	6.2%	8,804	6.3%
Goodwill impairment	17,158	14.9 %	—	—%	—	—%
Business interruption proceeds	(1,246)	(1.1)%	—	—%	—	—%
Operating (loss) income	\$ (13,090)	(11.4)%	\$ 13,511	10.1%	\$ 1,263	0.9%
Year-end backlog - Storage tanks	\$ 9,964		\$ 12,229		\$ 11,477	

#### Comparison of 2015 to 2014 – Metals Segment

The Metals Segment sales from continuing operations decreased 14 percent for 2015 as compared to 2014 and sales for the fourth quarter of 2015 totaled \$22,420,000, a decrease of 30 percent compared to 2014 results. The following factors resulted in the decreased sales in 2015. Storage tank sales decreased 38% and 50% for the year and fourth quarter, respectively, of 2015 when compared to the same periods of 2014. The decrease in storage tank sales for the year and fourth quarter of 2015 when compared to the same periods of 2014 resulted from a decrease in demand for storage tank products due to lower oil prices in 2015 combined with a fire occurring at the facility in late April. The Company was adequately insured for the fire and the proceeds from business interruption insurance payments for May through October were recorded in the operating income section of the Consolidated Statements of Operations. The facility was 100% operational at the end of the third quarter of 2015.

Incremental sales of heavy-walled carbon steel pipe and tube products attributable to the Company's November 21, 2014 acquisition of Specialty, accounted for incremental sales of \$15,489,000 and \$753,000 for the year and fourth quarter, respectively, of 2015.

Stainless steel pipe sales from continuing operations decreased 23 percent and 31 percent for the year and fourth quarter, respectively, of 2015 when compared to the prior year. The pipe sales decrease for the year resulted from an eleven percent decrease in average unit volumes and a twelve percent decrease in average selling prices. The Metals segment's commodity unit volumes for the year of 2015 decreased twelve percent while non-commodity unit volumes decreased approximately eight percent. Selling prices for commodity pipe decreased approximately eight percent while selling prices for non-commodity pipe decreased 20 percent. The non-commodity price decrease was largely attributable to mix differences between the years.

The pipe sales decrease for the fourth quarter of 2015 resulted from an approximate twelve percent decrease in average unit volumes combined with an approximate 20 percent decrease in average selling prices. In the fourth quarter 2015, the Metals Segment's commodity unit volumes decreased approximately one percent while non-commodity unit volumes decreased



approximately 33 percent. Selling prices for commodity pipe decreased 28 percent while selling prices for non-commodity pipe increased one percent.

The sales decreases resulted from low nickel prices in 2015. Decreasing nickel surcharges reduced the price per pound of stainless steel pipe along with delaying re-stocking purchases from the distributors. Also, imports of stainless steel pressure pipe from India have increased at prices well below market prices in the United States. These unfairly traded imports have hurt the domestic industry's sales volumes, pricing and profits. On September 20, 2015, the Company joined three other stainless steel pipe manufacturers and petitioned the Department of Commerce ("DOC") and the U.S. International Trade Commission ("ITC") to apply antidumping and countervailing duties of imports of welded stainless pressure pipe from India. Even though the Company has been successful in past unfair trade proceedings, this case is pending and there is no assurance that this action will result in a favorable outcome to the petitioners.

Operating income from continuing operations for the entire year and fourth quarter of 2015 when compared to the same periods of 2014 was impacted by the following four factors:

- a) The inclusion of the operating results of Specialty for the full year of 2015 compared to one month in 2014. Excluding the goodwill impairment charge which is described below, Specialty had an operating income of \$1,611,000 and an operating loss of \$90,000 for the full-year and fourth quarter 2015, respectively, compared to \$505,000 of operating income for both the full-year and fourth quarter 2014;
- b) Continued low oil and gas prices had an unfavorable effect on sales and profits for our storage tank and carbon pipe distribution facilities, as well as our stainless steel welded pipe markets;
- c) The dumping of welded stainless pressure pipe from India resulted in lower sales, as well as margin compression during 2015; and
- d) As a result of a continued drop in nickel prices during 2015, the Company experienced inventory losses of approximately \$8,079,000 and \$2,363,000 for the full-year and fourth quarter 2015, respectively. This compares to inventory losses of approximately \$107,000 and \$228,000, respectively, for the same periods of 2014.

Selling, general and administrative expense from continuing operations increased \$3,702,000, or 45 percent in 2015 when compared to 2014. This expense category was ten percent of sales for 2015 and six percent of sales for 2014. The increase resulted from including selling, general and administrative expenses for Specialty for the entire year for 2015 compared to only six weeks in 2014. These higher costs amounted to \$3,746,000.

The fire at the storage tank facility in late April 2015 shut down the fiberglass fabrication area of the facility resulting in financial losses. These losses were offset by business interruption insurance proceeds of \$1,246,000 and \$189,000, for the full-year and fourth quarter 2015, respectively.

As a result of the required annual (or more frequent) multi-step analysis to determine whether or not the book value of goodwill is impaired, the Company recognized a pre-tax charge of \$17,158,000 representing the combined value of goodwill impairments for the Company's Specialty and Palmer reporting units. During the Company's performance of the first step in this process the Company employed a discounted cash flow methodology based on management's financial projections to estimate the fair value of its business units. The results of the discounted cash flow analysis preliminarily indicated that the calculated fair value of the business units was in excess of the book value (including goodwill). However, the Company also considered the large decline in its share price and was required to analyze the difference between fair value determined using market capitalization as its basis, compared to fair value determined using the previously described discounted cash flow method. With the share price decline, the Company's market capitalization at the end of 2015 was less than \$60,000,000. This was down from \$164,000,000 at the end of 2014. Due to the decline in market capitalization of over \$100,000,000 during 2015, the Company's analysis concluded there is an impairment to the goodwill for Specialty and Palmer, both with the most significant exposure to declines in the oil and gas market. While this represents a permanent impairment, it is based on stock pricing dynamics that we do not believe currently reflect the future value of the two impacted business units. In 2015, both businesses were EBITDA positive, during a period we believe represents the bottom of the market for the oil and gas segments of their business. In addition, both businesses have maintained or gained market share, and stand ready to support our customer base when those markets inevitably rebound.

#### **Comparison of 2014 to 2013 – Metals Segment**

The Metals Segment's sales from continuing operations decreased four percent for 2014 as compared to 2013 and sales for the fourth quarter of 2014 totaled \$32,212,000, an increase of two percent over 2013 results. The following factors resulted in the decreased sales in 2014. The Bechtel nuclear pipe project was completed early in the fourth quarter of 2013 combined with a shortfall in storage tank sales in 2014, mainly in the fourth quarter due to severe winter weather in West Texas which prevented the delivery and installation of several tank batteries. Also, there were fewer salt water disposal projects for our storage tank facility

in 2014. Gross profit from continuing operations for 2014 increased 117 percent to \$21,818,000, or 16 percent of sales, compared to 2013's year-end total of \$10,067,000, or seven percent of sales. For the fourth quarter of 2014, gross profit from continuing operations was \$5,620,000, or 17 percent of sales, compared to gross profit from continuing operations for the fourth quarter of 2013 of \$181,000, or one percent of sales. The Segment experienced operating income from continuing operations of \$13,511,000 and \$2,511,000 for the year and fourth quarter of 2014, respectively, compared to operating income of \$1,263,000 and an operating loss of \$1,885,000, respectively, for same periods of 2013.

Operating income from continuing operations for the entire year and fourth quarter of 2014 when compared to the same periods of 2013 was impacted by the following six factors:

- a) The Company-wide cost cutting initiatives implemented in January 2014 had a favorable effect on profitability for 2014 with the average cost per pound produced decreasing seven percent.
- b) Six weeks of Specialty's operating income was included in the fourth quarter of 2014.
- c) As mentioned earlier, the severe winter weather in West Texas resulted in several lost shipping days, especially at year-end. The weather also slowed drill site development, causing several customers to delay their shipments.
- d) As mentioned above, BRISMET's product mix changed significantly in 2014. New sales pricing tools have allowed the sales department to focus on profitable sales quotes while decreasing emphasis on the lower margin business.
- e) Sales and operating income for 2013 were significantly affected by the low margin Bechtel nuclear project, which was completed in 2013. The facility successfully converted that effort to higher margin products in 2014.
- f) As a result of fluctuations in nickel prices, the Company experienced inventory losses of approximately \$118,000 and \$228,000 for the year and fourth quarter of 2014, respectively, compared to inventory losses of approximately \$3,350,000 and \$719,000, respectively, for the same periods of 2013.

Selling, general and administrative expense from continuing operations decreased \$497,000, or six percent in 2014 when compared to 2013. This expense category was six percent of sales for both periods. The decrease resulted from higher legal fees associated with the illegal dumping lawsuit in 2013, less travel and lower amortization expense partially offset by higher performance based bonus costs in 2014.

On November 21, 2014, the Company entered into a Stock Purchase Agreement with Davidson to purchase all of the issued and outstanding stock of Specialty. Established in 1964 with distribution centers in Mineral Ridge, Ohio and Houston, Texas, Specialty is a master distributor of seamless carbon pipe and tube, with a focus on heavy wall, large diameter products. The purchase price for the all-cash acquisition was \$31,500,000, subject to working capital adjustments post-closing. Davidson has the potential to receive earn-out payments up to a total of \$5,000,000 if Specialty achieves targeted sales revenue over a two-year period following closing. The purchase price for the acquisition was funded through a combination of cash on hand, a new term loan with the Company's bank and an increase to the Company's current credit facility. The financial results for Specialty are reported as a part of the Company's Metals Segment.

On August 29, 2014, the Company completed the sale of all of the issued and outstanding membership interests of its wholly owned subsidiary, Ram-Fab to a subsidiary of Primoris Services Corporation. The transaction was valued at less than \$10 million, which consideration included cash at closing, Synalloy's ability to receive potential future earn-out payment(s) and the retention of specified Ram-Fab current assets. The Company realized a one-time charge in the third quarter of 2014 of \$1,996,000 for costs associated with the closure plus a \$947,000 charge to write off the Company's investment in Ram-Fab. These charges, along with all non-recurring expenses associated with Ram-Fab are included in the respective consolidated financial statements as discontinued operations. Ram-Fab was reported as a part of the Metals Segment.

On June 27, 2014, the Company completed the planned closure of Bristol Fab. Bristol Fab's collective bargaining agreement with the Union expired on February 15, 2014. After lengthy negotiations with the Union, Bristol Fab was unable to reach an agreement. Also, upon closure of the operation, the Company was legally obligated to pay a withdrawal liability to the Union's pension fund of over \$1.9 million. The Company realized a one-time charge in the second quarter of 2014 of \$6,988,000 for costs associated with the closure of Bristol Fab. These costs, along with all non-recurring expenses associated with Bristol Fab, are included in the respective consolidated financial statements as discontinued operations.

**Specialty Chemicals Segment** – The following tables summarize operating results for the three years indicated. Reference should be made to Note 15 to the Consolidated Financial Statements included in Item 8 of this Form 10-K.

(Amounts in thousands)	2015		2014		2013	
	Amount	%	Amount	%	Amount	%
Net sales	\$ 60,552	100.0%	\$ 65,201	100.0%	\$ 56,518	100.0%
Cost of goods sold	50,064	82.7%	54,089	83.0%	46,786	82.8%
Gross profit	10,488	17.3%	11,112	17.0%	9,732	17.2%
Selling, general and administrative expense	4,823	8.0%	4,982	7.6%	3,989	7.1%
Operating income	\$ 5,665	9.4%	\$ 6,130	9.4%	\$ 5,743	10.1%

#### Comparison of 2015 to 2014 – Specialty Chemicals Segment

Sales for the Specialty Chemicals Segment decreased seven percent from 2014 totaling \$60,552,000 for 2015 compared to \$65,201,000 in 2014. For the fourth quarter of 2015, sales were \$13,145,000, representing a 20 percent decrease from the same quarter of 2014. Pounds shipped during the full-year increased by six percent for 2015 compared to 2014. For the fourth quarter of 2015, pounds shipped decreased ten percent. The annual increase resulted from the ramping up of the BioBased Technologies LLC project in early 2015 offset partially by lower chemical sales into the oil and gas market. Overall selling prices decreased twelve percent and eleven percent for the full-year and fourth quarter, respectively, of 2015 compared to the same periods of 2014. The change in lower selling prices from 2014 on a year-to-date basis is primarily due to lower raw materials costs. While this negatively impacts the Company's top line sales, this is significantly offset by lower input costs.

The Specialty Chemicals Segment's operating income for the full-year of 2015 decreased eight percent to \$5,665,000. The fourth quarter of 2015 decreased 23 percent from the prior year quarter to \$1,040,000. The decrease in operating income resulted from lower sales, primarily associated with weak demand from the oil and gas sector, combined with higher repairs and maintenance, utilities, waste disposal and depreciation expenses. Tolerated products continue to outperform management's acquisition projections and had a positive impact on profitability during the full year of 2015.

Selling, general and administrative expense decreased \$165,000 or three percent in 2015 when compared to 2014, which represented eight percent of sales for both periods. For the fourth quarter, selling, general and administrative expense was \$1,071,000 in 2015, a decrease of \$198,000 when compared to the same period of 2014. These decreases resulted from lower sales commissions in 2015 (\$405,000 and \$151,000 lower for the full-year and fourth quarter, respectively) and lower incentive based bonuses (\$191,000 and \$93,000 lower for the full-year and fourth quarter, respectively). For the full-year of 2015, these costs were slightly offset by higher salaries and wages (up \$396,000).

#### Comparison of 2014 to 2013 – Specialty Chemicals Segment

Sales for the Specialty Chemicals Segment increased 15 percent for 2014, ending the year at \$65,201,000 compared to \$56,518,000 in 2013. Pounds shipped for the year were 25 percent higher than the prior year. For the fourth quarter of 2014, sales were \$16,357,000, up ten percent from 2013's fourth quarter sales of \$14,888,000. Pounds shipped for the fourth quarter were ten percent higher than the same period of the prior year. The fourth quarter and annual sales increases resulted mainly from the addition of new customers at both facilities, but especially at CRI Tolling. Overall selling prices decreased eight percent and four percent for the year and fourth quarter of 2014 when compared to the same periods of the prior year due to lower cost raw material that is reflected in the selling prices at MC and generally lower average selling prices at CRI Tolling resulting from a higher concentration of customer supplied raw materials. Gross profit for the year was \$11,112,000, up 14 percent from the prior year amount of \$9,732,000. As a percent of sales, 2014 and 2013 gross profit were both 17 percent of sales. The fourth quarter showed gross profit of \$2,627,000, or 16 percent of sales, and \$2,588,000, or 17 percent of sales, for 2014 and 2013, respectively. Gross profit increased for the year and fourth quarter as a result of higher sales levels in 2014 plus the inclusion of CRI Tolling for the entire year of 2014. Operating income for the year increased seven percent from the prior year. Operating income for 2014 was \$6,130,000, or nine percent of sales, while 2013 recorded \$5,743,000, or ten percent of sales. The segment showed operating income of \$1,358,000, or eight percent of sales, for the fourth quarter of 2014. The fourth quarter of 2013 reported operating income of \$1,277,000, or nine percent of sales.

Selling, general and administrative expense increased \$993,000 or 25 percent in 2014 when compared to 2013, and increased to eight percent of sales in 2014 compared to seven percent in 2013. For the fourth quarter, selling, general and administrative expense was \$1,269,000 in 2014, a decrease of \$42,000 when compared to the same period of 2013. The increase for the year was due to higher sales commissions combined with including CRI costs for the entire year of 2014 compared to four months of the prior year. These increased costs for the year were partially offset by lower incentive based bonuses. The decrease for the fourth quarter was entirely due to lower incentive based bonuses in 2014.

## **Unallocated Income and Expense**

Reference should be made to Note 15 to the Consolidated Financial Statements, included in Item 8 of this Form 10-K, for the schedule that includes these items.

### **Comparison of 2015 to 2014 – Corporate**

Corporate expenses for 2015 were \$5,227,000, or three percent of sales from continuing operations, compared to \$3,300,000, or two percent of sales from continuing operations for 2014, an increase of \$1,927,000, or 58 percent. The twelve month increase resulted primarily from:

- Professional fees increased \$1,302,000 from the prior year resulting from the change in the Company's Independent Registered Public Accounting Firm in addition to additional services obtained surrounding income tax provision review, Sarbanes-Oxley compliance, registration statement filing and SEC comment letter response;
- Personnel costs were \$515,000 higher than the prior year as additional personnel were added to strengthen the Company's corporate staff combined with normal annual rate increases;
- Performance based bonuses decreased \$427,000 from the prior year due to lower current year profitability;
- Travel expenses were \$192,000 higher than the prior year in order to provide the necessary oversight to our various facilities; and
- Directors' fees increased \$125,000 as an additional director was added during 2015 along with increases to the annual retainer during 2015.

It should be noted that \$765,000 of these are costs that are not expected to recur in 2016 and beyond.

Acquisition costs of \$500,000 during the total year of 2015 mainly represent professional fees associated with the Specialty acquisition.

Interest expense increased to \$1,232,000 for 2015 compared to \$1,092,000 for 2014. The higher interest expense in 2015 is due to a full year of borrowings on the Company's line of credit plus the additional fixed term bank debt associated with the Specialty acquisition in November 2014. Also, unallocated corporate expenses increased by \$42,000 for the change in fair value of the interest rate swap contracts, compared to an increase of \$426,000 for the full-year 2014.

During 2014 and 2015, management reviewed the earn-out reserves for the Palmer and Specialty acquisitions and determined there was no likelihood the minimum threshold sales target would be achieved. As a result, the Company recorded favorable adjustments to earn-out payment liabilities totaling \$4,897,000 and \$3,476,000 for the full years 2015 and 2014, respectively.

In the fourth quarter of 2015 the Company received final proceeds from settlement of the insurance claim for the fire at Palmer and booked a casualty insurance gain of \$923,000. That amount represents the value of insurance payments exceeding the net book value of assets damaged in the loss. The favorable casualty gain adjustment was recorded at the parent company level.

Other income of \$135,000 for the twelve months of 2015 represents life insurance proceeds received in excess of cash surrender value for a former officer of the Company.

### **Comparison of 2014 to 2013 – Corporate**

Corporate expenses for 2014 were \$3,300,000, or two percent of sales from continuing operations, compared to \$3,243,000, or two percent of sales from continuing operations for 2013. This represents an increase of \$58,000 or two percent. Higher incentive based bonuses for 2014 were partially offset by lower travel and shelf registrations costs.

Acquisition costs for 2014 and 2013 relate to the accumulation of one-time expenses associated with the acquisition of Specialty and CRI, respectively.

Interest expense decreased to \$1,092,000 for 2014 compared to \$1,357,000 for 2013. The lower expense levels for 2014 resulted from the Company paying off the outstanding balance of its line of credit in October 2013 with a portion of the proceeds from the September 30, 2013 public stock offering. Also, the continued low interest rate environment resulted in the fair value of both SWAP agreements to decrease during 2014, resulting in additional expense of \$426,000 in 2014. This category was \$741,000 favorable for 2013.

The actual second year EBITDA for Palmer fell below the minimum target level defined in their SPA and no earn-out was paid in 2014. Accordingly, a one-time favorable adjustment to the Palmer earn-out accrual was made during 2014 for \$3,476,000. As of January 3, 2015, management expected Palmer to achieve the minimum EBITDA levels and the first tier of earn-out was expected to be paid out in 2015 for the third year of the program.

## Contractual Obligations and Other Commitments

As of December 31, 2015, the Company's contractual obligations and other commitments were as follows:

(Amounts in thousands)	Payment Obligations for the Year Ended						
	Total	2016	2017	2018	2019	2020	Thereafter
<b>Obligations:</b>							
Revolving credit facility	\$ 1,876	\$ —	\$ 1,876	\$ —	\$ —	\$ —	\$ —
Term loans	26,204	4,534	4,534	4,497	4,258	2,424	5,957
Interest on bank debt	3,187	870	705	545	407	293	367
Capital lease	100	23	23	23	23	8	—
Operating leases	963	156	118	147	137	139	266
Deferred compensation <sup>(1)</sup>	257	36	21	21	21	21	137
<b>Total</b>	<b>\$ 32,587</b>	<b>\$ 5,619</b>	<b>\$ 7,277</b>	<b>\$ 5,233</b>	<b>\$ 4,846</b>	<b>\$ 2,885</b>	<b>\$ 6,727</b>

<sup>(1)</sup> For a description of the deferred compensation obligation, see Note 6 to the Consolidated Financial Statements included in Item 8 of this Form 10-K.

## Current Conditions and Outlook

Two main factors continue to affect the Company's outlook as it continues into 2016: low nickel and oil prices.

Nickel prices, which are reflected in the sales price of the Company's stainless steel products, have fallen consistently during 2015 with nickel decreasing 13 percent, seven percent, 18 percent and 15 percent sequentially during the four quarters of 2015, respectively. That decline and general market weakness led to total metal and inventory losses of \$8,079,000 as noted above. However, the inventory gains and losses are determined by a number of factors including sales mix and the holding period of particular products. As a consequence, there may not be a direct correlation between the direction of stainless steel surcharges and inventory profits or losses at a particular point in time. The Company foresees a more neutral scenario in 2016, as nickel prices are currently extremely low and have shown some resilience at a level where, in management's opinion, they should be near the bottom of the cycle. The Company is not predicting any appreciable upward movement, but is also not predicting any further significant downward movement through year-end 2016. In addition, the Company implemented a costless collar hedging program in 2016 that will provide downside coverage if any further significant downward movement is experienced in pricing.

Lower oil prices affect the demand for products throughout the Metals Segment, and with oil prices expected to remain weak during 2016, sales for storage tanks and carbon pipe will continue to remain at low levels throughout 2016, with annualized run rates in those two markets down approximately eight percent from 2015 full-year levels.

In addition, the Company continues to follow the domestic manufacturers' anti-dumping and countervailing duty petitions entered during 2015. The Company expects the favorable initial ruling received during the fourth quarter to be followed with a favorable final determination by the fourth quarter of 2016. The Company believes this has already led to some favorable order booking activity compared to earlier in 2015 and we expect that to continue in 2016.

The Metals Segment's business continues to be highly dependent on its customers' capital expenditures, which are currently at very low levels. The Company saw signs of improved order activity with some restocking by distribution customers during the fourth quarter. However, even with some improvements in 2016 as compared to very low second half 2015 activity levels, 2016 sales are expected to be down approximately seven percent on a full-year basis compared to 2015.

The Specialty Chemicals Segment's sales should show modest improvement during 2016 when compared to 2015 as new business opportunities are being actively pursued and offsetting some declines in base business. In addition, an improved product mix should result in better gross margins.

Net income should improve for 2016, when compared to 2015 ongoing operating results based upon the belief that (1) markets will be stable to modestly improved in 2016 as compared to second half 2015 run rates, (2) sales and profits related to the completed heavy wall project at BRISMET will positively contribute to the year's results, (3) new business opportunities will come to fruition for the Specialty Chemicals Segment during 2016, (4) the Company will experience the benefits of avoiding some costs experienced in 2015 that are not expected to recur and (5) non-recurrence of the goodwill impairment that happened in 2015.

## Item 7A Quantitative and Qualitative Disclosures about Market Risks

The Company is exposed to market risks from adverse changes in interest rates. Changes in United States interest rates affect the interest earned on the Company's cash and cash equivalents as well as interest paid on its indebtedness. Except as described below, the Company does not engage in speculative or leveraged transactions, nor does it hold or issue financial instruments for trading purposes. The Company is exposed to changes in interest rates primarily as a result of its borrowing activities used to maintain liquidity and fund business operations.

Fair value of the Company's debt obligations, which approximated the recorded value, consisted of:

At December 31, 2015

- \$1,876,000 under a \$40,000,000 revolving line of credit expiring on November 21, 2017 with a variable interest rate of 2.00 percent.
- \$15,000,000 under a term loan expiring August 21, 2022 with a variable interest rate of 2.65 percent.
- An interest rate swap contract with a notional amount of \$15,000,000 which fixes the term loan interest rate at 3.74 percent. The fair value of the interest rate swap contract was a liability to the Company of \$40,000.
- \$3,371,000 under a term loan expiring August 19, 2023 with a variable interest rate of 2.40 percent.
- An interest rate swap contract with a notional amount of \$3,371,000 which fixes the term loan interest rate at 4.83 percent. The fair value of this interest rate swap contract was a liability to the Company of \$206,000.
- \$7,833,000 under a term loan expiring November 21, 2019 with a variable interest rate of 2.30 percent.

At January 3, 2015

- \$885,000 under a \$40,000,000 revolving line of credit expiring on November 21, 2017 with a variable interest rate of 1.77 percent.
- \$17,250,000 under a term loan expiring August 21, 2022 with a variable interest rate of 2.42 percent.
- An interest rate swap contract with a notional amount of \$17,250,000 which fixes the term loan interest rate at 3.74 percent. The fair value of the interest rate swap contract was an asset to the Company of \$11,000.
- \$3,654,000 under a term loan expiring August 19, 2023 with a variable interest rate of 2.16 percent.
- An interest rate swap contract with a notional amount of \$3,654,000 which fixes the term loan interest rate at 4.83 percent. The fair value of this interest rate swap contract was a liability to the Company of \$215,000.
- \$10,000,000 under a term loan expiring November 21, 2019 with a variable interest rate of 2.07 percent.

## Item 8 Financial Statements and Supplementary Data

The Company's consolidated financial statements, related notes, report of management and report of the independent registered public accounting firm follow on subsequent pages of this report.

### Consolidated Balance Sheets

As of December 31, 2015 and January 3, 2015

	2015	2014
<b>Assets</b>		
<i>Current assets</i>		
Cash and cash equivalents	\$ 391,424	\$ 26,623
Accounts receivable, less allowance for doubtful accounts of \$247,000 and \$1,114,814, respectively	17,788,131	29,229,927
Inventories, net		
Raw materials	34,821,694	38,405,587
Work-in-process	5,096,515	7,128,602
Finished goods	23,897,426	22,140,481
Total inventories	63,815,635	67,674,670
Deferred income taxes	—	2,921,654
Prepaid expenses and other current assets	2,943,236	5,460,344
Total current assets	84,938,426	105,313,218
Cash value of life insurance	1,500,781	2,046,512
Property, plant and equipment, net	46,294,271	39,937,466
Goodwill	1,354,730	23,250,201
Intangible assets, net	14,745,825	17,001,525
Deferred charges, net and other non-current assets	187,384	300,308
<b>Total assets</b>	<b>\$ 149,021,417</b>	<b>\$ 187,849,230</b>
<b>Liabilities and Shareholders' Equity</b>		
<i>Current liabilities</i>		
Accounts payable	\$ 12,265,930	\$ 21,388,298
Accrued expenses	9,733,880	14,684,686
Current portion of long-term debt	4,533,908	4,533,908
Current portion of environmental reserves	101,000	126,000
Total current liabilities	26,634,718	40,732,892
Long-term debt, less current portion	23,545,801	27,255,442
Long-term environmental reserves	450,000	450,000
Long-term deferred compensation	146,257	209,500
Long-term earn-out liability	—	2,596,516
Deferred income taxes	3,016,954	6,438,146
Other long-term liabilities	73,393	713,181
<i>Shareholders' equity</i>		
Common stock, par value \$1 per share - authorized 24,000,000 and 12,000,000 shares, respectively; issued 10,300,000 shares	10,300,000	10,300,000
Capital in excess of par value	34,476,240	34,054,374
Retained earnings	65,029,474	79,167,323
	109,805,714	123,521,697
Less cost of common stock in treasury: 1,663,314 and 1,589,698 shares, respectively	14,651,420	14,068,144
Total shareholders' equity	95,154,294	109,453,553
<i>Commitments and contingencies – see Note 13</i>		
<b>Total liabilities and shareholders' equity</b>	<b>\$ 149,021,417</b>	<b>\$ 187,849,230</b>

See accompanying notes to consolidated financial statements.



## Consolidated Statements of Operations

Years ended December 31, 2015, January 3, 2015 and December 28, 2013

	2015	2014	2013
<b>Net sales</b>	<b>\$ 175,460,438</b>	<b>\$ 199,504,628</b>	<b>\$ 196,751,175</b>
Cost of sales	150,141,663	166,575,146	176,953,036
Gross profit	25,318,775	32,929,482	19,798,139
Selling, general and administrative expense	22,058,509	16,588,684	16,034,428
Acquisition related costs	499,761	301,715	264,186
Business interruption proceeds	(1,246,024)	—	—
Goodwill impairment	17,158,249	—	—
Operating (loss) income	(13,151,720)	16,039,083	3,499,525
Other (income) and expense			
Interest expense	1,232,285	1,091,694	1,357,328
Change in fair value of interest rate swap	41,580	425,543	(740,832)
Specialty and Palmer earn-out adjustments	(4,897,448)	(3,476,197)	—
Gain on bargain purchase, net of taxes	—	—	(1,077,332)
Casualty insurance gain	(923,470)	—	—
Other, net	(134,389)	(6,744)	(147,687)
(Loss) income before income taxes	(8,470,278)	18,004,787	4,108,048
Provision for income taxes	1,799,000	5,386,000	1,210,000
<b>Net (loss) income from continuing operations</b>	<b>(10,269,278)</b>	<b>12,618,787</b>	<b>2,898,048</b>
<b>Net loss from discontinued operations, net of tax</b>	<b>(1,251,058)</b>	<b>(7,156,524)</b>	<b>(1,137,484)</b>
<b>Net (loss) income</b>	<b>\$ (11,520,336)</b>	<b>\$ 5,462,263</b>	<b>\$ 1,760,564</b>
Net (loss) income per common share from continuing operations:			
Basic	\$ (1.18)	\$ 1.45	\$ 0.42
Diluted	\$ (1.18)	\$ 1.45	\$ 0.42
Net loss per diluted common share from discontinued operations:			
Basic	\$ (0.14)	\$ (0.82)	\$ (0.16)
Diluted	\$ (0.14)	\$ (0.82)	\$ (0.16)

See accompanying notes to consolidated financial statements.

## Consolidated Statements of Shareholders' Equity

	Common Stock	Capital in Excess of Par Value	Retained Earnings	Cost of Common Stock in Treasury	Total
Balance at December 29, 2012	\$ 8,000,000	\$ 1,398,612	\$ 76,836,761	\$ (14,461,305)	\$ 71,774,068
Net income	—	—	1,760,564	—	1,760,564
Payment of dividends, \$0.26 per share	—	—	(2,259,728)	—	(2,259,728)
Issuance of 17,572 shares of common stock from the treasury	—	(33,545)	—	154,741	121,196
Stock options exercised for 13,495 shares, net	—	28,660	—	109,366	138,026
Employee stock option and grant compensation	—	331,362	—	—	331,362
Issuance of 2,300,000 shares of common stock	2,300,000	31,932,625	—	—	34,232,625
Balance at December 28, 2013	10,300,000	33,657,714	76,337,597	(14,197,198)	106,098,113
Net income	—	—	5,462,263	—	5,462,263
Payment of dividends, \$0.30 per share	—	—	(2,632,537)	—	(2,632,537)
Issuance of 14,522 shares of common stock from the treasury	—	(8,341)	—	127,881	119,540
Stock options exercised for 7,980 shares, net	—	40,844	—	1,173	42,017
Employee stock option and grant compensation	—	364,157	—	—	364,157
Balance at January 3, 2015	10,300,000	34,054,374	79,167,323	(14,068,144)	109,453,553
Net loss	—	—	(11,520,336)	—	(11,520,336)
Payment of dividends, \$0.30 per share	—	—	(2,617,513)	—	(2,617,513)
Issuance of 26,118 shares of common stock from the treasury	—	(102,237)	—	231,290	129,053
Stock options exercised for 666 shares, net	—	2,408	—	5,894	8,302
Employee stock option and grant compensation	—	521,695	—	—	521,695
Purchase of 100,400 shares of common stock	—	—	—	(820,460)	(820,460)
Balance at December 31, 2015	\$ 10,300,000	\$ 34,476,240	\$ 65,029,474	\$ (14,651,420)	\$ 95,154,294

See accompanying notes to consolidated financial statements.

## Consolidated Statements of Cash Flows

Years ended December 31, 2015, January 3, 2015 and December 28, 2013

	2015	2014	2013
<b>Operating activities</b>			
Net (loss) income	\$ (11,520,336)	\$ 5,462,263	\$ 1,760,564
Income from discontinued operations, net of tax	1,251,058	7,156,524	1,137,484
Adjustments to reconcile net income (loss) to net cash provided by (used in) operating activities:			
Depreciation expense	4,356,911	3,724,757	3,074,369
Amortization expense	2,398,001	1,466,395	1,597,578
Goodwill impairment charge	17,158,249	—	—
Deferred income taxes	150,462	796,916	(1,325,781)
Bargain gain on acquisition of CRI, net of taxes	—	—	(1,077,332)
Earn-out adjustments	(4,897,448)	(3,476,197)	—
Provision for (reduction of) losses on accounts receivable	60,855	72,100	(229,230)
Provision for losses on inventories	2,003,885	2,548,196	169,810
(Gain) loss on sale of property, plant and equipment	(18,277)	26,800	8,044
Casualty insurance gain	(923,470)	—	—
Cash value of life insurance	(82,504)	(39,093)	(161,530)
Change in fair value of interest rate swap	41,581	425,543	(740,832)
Environmental reserves	(25,000)	(50,000)	(14,000)
Issuance of treasury stock for director fees	118,762	110,501	127,989
Employee stock option and grant compensation	521,695	364,157	331,362
Changes in operating assets and liabilities:			
Accounts receivable	11,380,941	3,448,709	642,125
Inventories	4,173,337	(3,298,982)	(2,659,949)
Other assets and liabilities, net	(718,787)	(1,164,297)	(303,959)
Accounts payable	(9,122,368)	7,820,957	879,632
Accrued expenses	(2,034,303)	3,995,534	(2,316,263)
Accrued income taxes	3,038,362	(1,287,007)	(863,495)
<b>Net cash provided by continuing operating activities</b>	<b>17,311,606</b>	<b>28,103,776</b>	<b>36,586</b>
<b>Net cash (used in) provided by discontinued operating activities</b>	<b>(849,974)</b>	<b>785,249</b>	<b>(5,578,384)</b>
<b>Net cash provided by (used in) operating activities</b>	<b>16,461,632</b>	<b>28,889,025</b>	<b>(5,541,798)</b>
<b>Investing activities</b>			
Purchases of property, plant and equipment	(10,905,230)	(8,065,992)	(5,648,290)
Proceeds from sale of property, plant and equipment	21,500	8,000	136,297
Acquisition of CRI	—	—	(4,527,762)
Acquisition of Specialty	—	(31,490,433)	—
Cash received from Specialty acquisition	—	12,960	—
Proceeds from casualty insurance	1,219,048	—	—
Proceeds from life insurance settlement	720,518	—	703,331
<b>Net cash used in continuing investing activities</b>	<b>(8,944,164)</b>	<b>(39,535,465)</b>	<b>(9,336,424)</b>
<b>Net cash provided by (used in) discontinued investing activities</b>	<b>—</b>	<b>3,139,106</b>	<b>(115,472)</b>
<b>Net cash used in investing activities</b>	<b>(8,944,164)</b>	<b>(36,396,359)</b>	<b>(9,451,896)</b>
<b>Financing activities</b>			
Net borrowings from (payments on) line of credit	990,929	884,637	(18,060,894)
Borrowings from long-term debt	—	10,000,000	4,033,250
Payments on long-term debt	(4,700,570)	(2,533,903)	(2,401,103)
Payments on capital lease obligation	(13,355)	—	—
Proceeds from sale of common stock	—	—	34,232,625
Proceeds from exercised stock options	8,302	42,017	138,026
Dividends paid	(2,617,513)	(2,632,537)	(2,259,728)
Purchase of common stock	(820,460)	—	—
<b>Net cash (used in) provided by financing activities</b>	<b>(7,152,667)</b>	<b>5,760,214</b>	<b>15,682,176</b>
<b>Increase (decrease) in cash and cash equivalents</b>	<b>364,801</b>	<b>(1,747,120)</b>	<b>688,482</b>

Cash and cash equivalents at beginning of year	26,623	1,773,743	1,085,261
Cash and cash equivalents at end of year	<u>\$ 391,424</u>	<u>\$ 26,623</u>	<u>\$ 1,773,743</u>

See accompanying notes to consolidated financial statements.

## Notes to Consolidated Financial Statements

### Note 1 Summary of Significant Accounting Policies

#### Description of Business

Synalloy Corporation (the "Company"), a Delaware corporation, was incorporated in 1958 as the successor to a chemical manufacturing business founded in 1945. Its charter is perpetual. The name was changed on July 31, 1967 from Blackman Uhler Industries, Inc. On June 3, 1988, the state of incorporation was changed from South Carolina to Delaware. The Company's executive offices are located at 4510 Cox Road, Suite 201, Richmond, Virginia 23060 and 775 Spartan Boulevard, Suite 102, Spartanburg, South Carolina 29301.

The Company's business is divided into two reportable operating segments, the Metals Segment and the Specialty Chemicals Segment. The Metals Segment currently operates as three reportable units including BRISMET, Palmer and Specialty. Two other operations, Bristol Fab and Ram-Fab, were sold or closed during 2014; see Note 19. BRISMET manufactures pipe, Palmer manufactures liquid storage solutions and separation equipment and Specialty is a master distributor of seamless carbon pipe and tube. The Specialty Chemicals Segment operates as one reportable unit including MC and CRI Tolling and produces specialty chemicals.

#### Principles of Consolidation

The consolidated financial statements include the accounts of the Company and its subsidiaries, all of which are wholly owned. The Metals Segment is comprised of three subsidiaries: Synalloy Metals, Inc. which owns 100 percent of Bristol Metals, LLC, located in Bristol, Tennessee; Palmer of Texas Tanks, Inc., located in Andrews, Texas and Specialty Pipe & Tube, Inc., located in Mineral Ridge, Ohio and Houston, Texas. The Specialty Chemicals Segment consists of two subsidiaries: Manufacturers Soap and Chemical Company which owns 100 percent of Manufacturers Chemicals, LLC, located in Cleveland, Tennessee and CRI Tolling, LLC, located in Fountain Inn, South Carolina. All significant intercompany transactions have been eliminated.

#### Accounting Period

On December 31, 2015, the Company elected to change its fiscal year from a 52-53 week year ending the Saturday nearest to December 31 to a calendar year ending December 31 effective with fiscal year 2015. The Company made this change prospectively and did not adjust operating results for prior periods. Fiscal year 2015 ended on December 31, 2015. Fiscal year 2014 ended on January 3, 2015 having 53 weeks. Fiscal year 2013 ended on December 28, 2013 having 52 weeks.

#### Cash and Cash Equivalents

The Company considers all highly liquid investments with a maturity of three months or less when purchased to be cash equivalents. The Company maintains cash balances at financial institutions with strong credit ratings.

#### Accounts Receivable

Accounts receivable from the sale of products are recorded at net realizable value and the Company generally grants credit to customers on an unsecured basis. Substantially all of the Company's accounts receivable are due from companies located throughout the United States. The Company provides an allowance for doubtful collections and for disputed claims and quality issues. The allowance is based upon a review of outstanding receivables, historical collection information and existing economic conditions. The Company performs periodic credit evaluations of its customers' financial condition and generally does not require collateral. Receivables are generally due within 30 to 60 days. Delinquent receivables are written off based on individual credit evaluations and specific circumstances of the customer.

#### Inventories

Inventories are stated at the lower of cost or market. Cost is determined by either specific identification or weighted average methods.

Inventory cost is adjusted when its market value is estimated to be below manufacturing cost. At the end of each quarter, all facilities review recent sales reports to identify sales price trends that would indicate products or product lines that are being sold below our cost. This would indicate that a LCM inventory adjustment would be required. As of December 31, 2015, an LCM adjustment was required by our Metals Segment mainly due to decreases in nickel prices. Stainless steel, both in its raw material (coil or plate) or finished goods (pipe) state is purchased / sold using a base price plus an additional surcharge which is dependent on current nickel prices. As raw materials are purchased, it is priced to the Company based upon the surcharge at that date. When

the finished pipe is ultimately sold to the customer approximately five months later, the then-current nickel surcharge is used to determine the proper selling prices. An LCM adjustment is established when the Company's inventory cost, based upon a historical nickel price, is greater than the current selling price of that product due to a reduction in the nickel surcharge. A \$1,237,000 LCM adjustment was required at December 31, 2015 . No adjustment was needed at January 3, 2015 .

The Company establishes inventory reserves for:

- Estimated obsolete or unmarketable inventory. As of December 31, 2015 , the Company identified inventory items with no sales activity for finished goods or no usage for raw materials for a certain period of time. For those inventory items that are not currently being marketed and unable to be sold, a reserve was established for 100 percent of the inventory cost. At the end of the prior year, various discount factors were applied to the various levels of aged inventory to determine the obsolete inventory reserve. The Company reserved \$658,000 and \$681,000 at December 31, 2015 and January 3, 2015 , respectively.
- Estimated quantity losses. The Company performs an annual physical count of inventory during the fourth quarter each year. For those facilities that complete their physical inventory counts before the end of December, a reserve is established for the potential quantity losses that could occur subsequent to their physical inventory. This reserve is based upon the most recent physical inventory results. At December 31, 2015 and January 3, 2015 , the Company had \$24,000 and \$44,000 , respectively, reserved for physical inventory quantity losses.

### **Property, Plant and Equipment**

Property, plant and equipment are stated at cost. Depreciation is provided on the straight-line method over the estimated useful life of the assets. Land improvements and buildings are depreciated over a range of ten years to 40 years , and machinery, fixtures and equipment are depreciated over a range of three to 20 years . The costs of software licenses are amortized over five years using the straight-line method. The Company continually reviews the recoverability of the carrying value of long-lived assets. The Company also reviews long-lived assets for impairment whenever events or changes in circumstances indicate the carrying amount of such assets may not be recoverable. When the future undiscounted cash flows of the operation to which the assets relate do not exceed the carrying value of the asset, the assets are written down to fair value.

### **Business Combinations**

Acquisitions are accounted for using the acquisition method of accounting for business combinations in accordance with GAAP. Under this method, the total consideration transferred to consummate the acquisition is allocated to the identifiable tangible and intangible assets acquired and liabilities assumed based on their respective fair values as of the closing date of the acquisition. The acquisition method of accounting requires extensive use of estimates and judgments to allocate the consideration transferred to the identifiable tangible and intangible assets acquired, if any, and liabilities assumed.

### **Goodwill, Intangible Assets and Deferred Charges**

Goodwill, arising from the excess of purchase price over fair value of net assets of businesses acquired, is not amortized but is reviewed annually, at the reporting unit level, in the fourth quarter for impairment and whenever events or circumstances indicate that the carrying value may not be recoverable.

The Company evaluates goodwill for impairment by performing a qualitative evaluation and a two-step quantitative test, if required, which involves comparing the estimated fair value, based on a discounted cash flow model, of the associated reporting unit to its carrying value, including goodwill. The Company performed the two-step quantitative test during the fourth quarter of 2015 and recorded an impairment charge of approximately \$17,158,000 . See Note 4 for further details on the Company's evaluation of goodwill impairment.

Intangible assets represent the fair value of intellectual, non-physical assets resulting from business acquisitions. Deferred charges represent other intangible assets such as debt issuance costs. Intangible assets are amortized over their estimated useful lives using either an accelerated or straight-line method. Debt issuance costs are amortized on a weighted average basis utilizing the outstanding balance for each debt facility. Other deferred charges are amortized over their estimated useful lives using the straight-line method. Deferred charges are amortized over a period ranging from three to ten years and intangible assets are amortized over a period ranging from ten to 15 years. The weighted average amortization period for the customer relationships is approximately twelve years. Deferred charges and intangible assets totaled \$21,001,000 and \$20,961,000 at December 31, 2015 and January 3, 2015 , respectively. Accumulated amortization of deferred charges and intangible assets as of December 31, 2015 and January 3, 2015 totaled \$6,068,000 and \$3,670,000 , respectively. Estimated amortization expense for the next five fiscal years based on existing deferred charges and intangible assets is: 2016 - \$2,185,000 , 2017 - \$2,032,000 , 2018 - \$1,868,000 ; 2019 - \$1,733,000 ; 2020 - \$1,725,000 ; and thereafter - \$5,390,000 . The Company recorded amortization expense of \$2,398,000 , \$1,466,000 and \$1,598,000 for 2015 , 2014 and 2013 , respectively.

**Revenue Recognition**

Revenue from product sales is recognized at the time ownership of goods transfers to the customer and the earnings process is complete, which is typically on the date the inventory is shipped to the customer.

**Shipping Costs**

Shipping costs of approximately \$5,155,000 , \$5,705,000 and \$7,313,000 in 2015 , 2014 and 2013 , respectively, are recorded in cost of goods sold.

**Research and Development Expenses**

The Company incurred research and development expense of approximately \$548,000 , \$531,000 and \$558,000 in 2015 , 2014 and 2013 , respectively.

**Income Taxes**

Income taxes are accounted for under the asset and liability method. Deferred taxes and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax basis and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in fiscal years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. A valuation allowance is recorded to reduce the carrying amounts of deferred tax assets unless it is more likely than not that such assets will be realized.

Additionally, the Company maintains reserves for uncertain tax provisions in accordance with ASC 740. See Note 10 for more information.

**Earnings Per Share of Common Stock**

Earnings per share of common stock are computed based on the weighted average number of shares outstanding during each period; see Note 14.

**Fair Market Value**

The Company makes estimates of fair value in accounting for certain transactions, in testing and measuring impairment and in providing disclosures of fair value in its consolidated financial statements. The Company determines the fair values of its financial instruments for disclosure purposes by maximizing the use of observable inputs and minimizing the use of unobservable inputs when measuring fair value. Fair value disclosures for assets and liabilities are grouped in three levels. The levels prioritize the inputs used to measure the fair value of the assets or liabilities. These levels are:

Level 1 - Quoted prices (unadjusted) in active markets for identical assets or liabilities.

Level 2 - Inputs other than quoted prices that are observable for assets and liabilities, either directly or indirectly. These inputs include quoted prices for similar assets or liabilities in active markets or quoted prices for identical or similar assets or liabilities in markets that are less active.

Level 3 - Unobservable inputs that are supported by little or no market activity for assets or liabilities and includes certain pricing models, discounted cash flow methodologies and similar techniques.

Estimates of fair value using levels 2 and 3 may require judgments as to the timing and amount of cash flows, discount rates and other factors requiring significant judgment, and the outcomes may vary widely depending on the selection of these assumptions. The Company's most significant fair value estimates relate to purchase accounting adjustments which included the measurement of earn-out liabilities, estimating the fair value of the reporting units in testing goodwill for impairment, estimating the fair value of the interest rate swaps and providing disclosures of the fair values of financial instruments.

Financial instruments, such as cash, accounts receivable, accounts payable and the credit facility revolver are stated at their carrying value, which is a reasonable estimate of fair value; see Note 2.

## Use of Estimates

The preparation of the consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions, primarily for testing goodwill for impairment, determining proper period-end balances for certain employee benefit accruals, estimating fair value of identifiable assets acquired and liabilities assumed as a result of business acquisitions and for establishing reserves on accounts receivable, inventories and environmental issues, that affect the amounts reported in the consolidated financial statements and accompanying notes. Actual results could differ from those estimates.

## Concentrations of Credit Risk

Financial instruments that potentially subject the Company to significant concentrations of credit risk consist principally of cash deposits, trade accounts receivable and cash surrender value of life insurance. The cash surrender value of life insurance is the contractual amount on policies maintained with one insurance company. The Company performs a periodic evaluation of the relative credit standing of this company as it relates to the insurance industry.

## Recent accounting pronouncements

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2014-09, *"Revenue from Contracts with Customers (Topic 606)"*, which changes the criteria for recognizing revenue. The standard requires an entity to recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The standard requires a five-step process for recognizing revenue including identifying the contract with the customer, identifying the performance obligations in the contract, determining the transaction price, allocating the transaction price to the performance obligations in the contract and recognizing revenue when (or as) the entity satisfies a performance obligation. Two transition methods are available for implementing the requirements of ASU 2014-09: retrospectively for each prior reporting period presented or retrospectively with the cumulative effect of initial application recognized at the date of initial application. In August 2015, the FASB issued ASU No. 2015-14, *"Revenue from Contract with Customers (Topic 606)"*, which defers the required implementation date of ASU 2014-09 for public business entities from annual reporting periods beginning after December 15, 2016 to annual reporting periods beginning after December 15, 2017. The Company is currently evaluating the impact that ASU 2014-09 will have on its consolidated financial statements and has not determined which transition method will be used.

In February 2015, the FASB issued ASU 2015-02, *"Consolidation (Topic 810): Amendments to the Consolidation Analysis"*, which modifies the consolidation model for reporting organizations under both the variable interest model and the voting interest model. The ASU is generally expected to reduce the number of situations where consolidation is required; however, in certain circumstances, the ASU may result in companies consolidating entities previously unconsolidated. The ASU will require all legal entities to re-evaluate previous consolidation conclusions under the revised model and is effective for periods beginning after December 15, 2015. The Company did not elect to early adopt the provisions of this ASU and does not believe its implementation will have any effect on the Company's consolidated financial statements.

In April 2015, the FASB issued ASU 2015-03, *"Interest - Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs,"* which changes the presentation of debt issuance costs. This ASU requires debt issuance costs related to a recognized debt liability be presented in the balance sheet as a direct deduction from the carrying amount of that debt liability, consistent with debt discounts. Currently, capitalized debt issuance costs are presented as an asset on the consolidated balance sheet. ASU 2015-03 is effective for fiscal years beginning after December 15, 2015. The Company did not elect to early adopt the provisions of this ASU and does not believe its implementation will have a material effect on the Company's consolidated financial statements.

In July 2015, the FASB issued ASU 2015-11, *"Inventory (Topic 330): Simplifying the Measurement of Inventory,"* which reduces the cost and complexity of accounting for inventory. This ASU requires an entity measure inventory at the lower of cost or net realizable value. Net realizable value is the estimated selling prices in the ordinary course of business, less reasonably predictable costs of completion, disposal, and transportation. Subsequent measurement is unchanged for inventory measured using LIFO or the retail inventory method. ASU 2015-11 is effective for fiscal periods beginning after December 15, 2016. The Company did not elect to early adopt the provisions of this ASU and is currently evaluating the impact that ASU 2015-11 will have on its consolidated financial statements.

In September 2015, the FASB issued ASU 2015-16, *"Business Combinations (Topic 805): Simplifying the Measurement-Period Adjustments,"* which requires an acquirer recognize adjustments to provisional amounts that are identified during the measurement period in the reporting period in which the adjustment amounts are determined. This ASU requires the acquirer record, in the same period's financial statements, the effect on earnings of changes in depreciation, amortization, or other income effects, if any, as a result of the change to the provisional amounts calculated as if the accounting had been completed at the acquisition date. The amendments in this ASU also require an entity to present separately on the face of the income statement or disclose in the notes



the portion of the amount recorded in current-period earnings by line item that would have been recorded in previous reporting periods if the adjustment to the provisional amounts had been recognized as of the acquisition date. ASU 2015-16 is effective for fiscal years beginning after December 15, 2015 and the Company does not believe the implementation of this ASU will have a material effect on the Company's consolidated financial statements.

In November 2015, the FASB issued ASU 2015-17, *"Income Taxes (Topic 740): Balance Sheet Classification of Deferred Taxes,"* which requires entities with a classified balance sheet to present all deferred tax assets and liabilities as noncurrent. Effective December 31, 2015, the Company early adopted ASU No. 2015-17 on a prospective basis, which resulted in the reclassification of the Company's current deferred tax of \$4,255,000 as a non-current deferred tax liability on its consolidated balance sheet. No prior periods were retrospectively adjusted.

In February 2016, the FASB issued ASU 2016-02, *"Leases (Topic 842)"* which require lessees to recognize for all leases (with the exception of short-term leases) a lease liability, which is a lessee's obligation to make lease payments arising from a lease, measured on a discounted basis and a right-of-use asset, which is an asset that represents the lessee's right to use, or control the use of, a specified asset for the lease term. ASU 2016-02 is effective for fiscal years beginning after December 15, 2018 and the Company is currently evaluating the impact the guidance will have on its consolidated financial statements.

### **Subsequent Events**

Management has evaluated subsequent events through the date of filing this Form 10-K.

### **Note 2 Fair Value of Financial Instruments**

The Company's financial instruments include cash and cash equivalents, cash value of life insurance, accounts receivable, derivative instruments, accounts payable, earn-out liabilities and debt instruments. For short-term instruments, other than those required to be reported at fair value on a recurring basis and for which additional disclosures are included below, management concluded the historical carrying value is a reasonable estimate of fair value because of the short period of time between the origination of such instruments and their expected realization. Therefore, as of December 31, 2015 and January 3, 2015, the carrying amount for cash and cash equivalents, cash value of life insurance, accounts receivable, accounts payable and borrowings under the Company's line of credit and debt, which are based on variable interest rates, approximates their fair value.

The Company has two Level 2 financial assets and liabilities. The fair value of the Palmer swap was a liability of \$40,000 and an asset of \$11,000 at December 31, 2015 and January 3, 2015, respectively. The fair value of the CRI swap was a liability of \$206,000 and \$215,000 at December 31, 2015 and January 3, 2015, respectively. The interest rate swaps were priced using discounted cash flow techniques which are corroborated by using non-binding market prices. Changes in the swaps' fair value were recorded in current assets or liabilities, as appropriate, with corresponding offsetting entries to other income (expense). Significant inputs to the discounted cash flow model include projected future cash flows based on projected one-month LIBOR and the average margin for companies with similar credit ratings and similar maturities. These are classified as Level 2 as they are not actively traded and are valued using pricing models that use observable market inputs. See Note 17 for further discussion of interest rate swaps.

The earn-out liability payments, discussed in Note 18, are classified as Level 3. The amount of the total earn-out liability to the prior owners of Palmer was determined using management's best estimate of Palmer's EBITDA for the three -year earn-out period which would determine the amount of the ultimate payment to be made. The amount of the total earn-out liability due to the prior owner of Specialty was determined using management's best estimate of Specialty's revenues for the two -year earn-out period which determined the amount of the ultimate payment to be made. Factors such as volume increases, selling price increases and inflation were used to develop a base projection. The Company believed additional costs would be required to improve employee turnover, safety, internal controls, etc. These estimated costs were deducted in order to determine projected Palmer's EBITDA. The Company's current cost of borrowing was used to determine the present value of these expected payments. Each quarter-end, the Company re-evaluated its assumptions and adjustments to the estimated present value of the expected payments to be made, if required.

During the three months ended June 28, 2014, the Company reviewed the Palmer earn-out reserve for the second and third year payments and determined the EBITDA threshold target of \$5,825,000 for the period from August 22, 2013 to August 21, 2014 ("Year 2") would not be attained, and therefore, the earn-out payment of \$2,500,000 for Year 2 was not made to the former Palmer shareholders. Also, the Company did not expect Palmer to meet the EBITDA threshold target of \$6,825,000 during the final twelve month earn-out period, which was used in the earn-out calculation for year three. However, it was expected to reach the minimum \$5,825,000 threshold and the earn-out reserve was adjusted accordingly. As a result, the Company adjusted the earn-out liability to the present value of the Company's current estimates by recognizing a gain of approximately \$3,476,000 during the second quarter of 2014.

During the three months ended April 4, 2015, the Company reviewed the Palmer earn-out reserve for the third year payment and determined the EBITDA minimum threshold of \$5,825,000 would not be attained. As a result, the remaining earn-out liability to the former shareholders of Palmer was reduced to zero and a gain of approximately \$2,483,000 was recognized during the first quarter of 2015. The earn-out period expired August 21, 2015.

During the second quarter 2015, the Company adjusted the preliminary estimate of the earn-out liability to the former owner of Specialty by approximately \$2,419,000. Based on the heavy dependence on the energy sector by Specialty's Houston location and as a result of continued evaluation by the Company, the preliminary estimate was revised and goodwill was adjusted accordingly for the final estimate.

During the third quarter 2015, the Company completed its revenue projections during its 2016 planning processes. As a result, the Company determined the fair value of the earn-out liability was zero and reduced the remaining earn-out liability by recognizing a gain of approximately \$2,414,000 during the third quarter 2015.

The following table presents a summary of changes in fair value of the Company's Level 3 liabilities measured on a recurring basis for 2015 and 2014 :

	Level 3 Inputs
Balance at December 28, 2013	\$ 5,862,031
Present value of the earn-out liability associated with the Specialty acquisition	4,773,620
Interest expense charged during the year	96,933
Change in fair value of the earn-out liability associated with the Palmer acquisition	(3,476,197)
Balance at January 3, 2015	7,256,387
Interest expense charged during the year	60,096
Reduction due to the finalization of Specialty's beginning balance sheet	(2,419,035)
Change in the fair value of Specialty's earn-out liability	(2,414,115)
Change in the fair value of Palmer's earn-out liability	(2,483,333)
Balance at December 31, 2015	\$ —

There were no transfers of assets or liabilities between Level 1, Level 2 and Level 3 in the years ended December 31, 2015 or January 3, 2015. There have also been no changes in the fair value methodologies used by the Company during the years ended December 31, 2015 or January 3, 2015.

### Note 3 Property, Plant and Equipment

Property, plant and equipment consist of the following:

	2015	2014
Land	\$ 1,819,736	\$ 1,742,213
Land improvements	852,976	714,398
Buildings	24,631,349	21,371,594
Machinery, fixtures and equipment	61,928,770	56,651,197
Machinery and equipment under capital lease	107,287	—
Construction-in-progress	7,158,098	5,494,166
	96,498,216	85,973,568
Less accumulated depreciation	50,203,945	46,036,102
Property, plant and equipment, net	\$ 46,294,271	\$ 39,937,466

The Company recorded depreciation expense from continuing operations of \$4,357,000, \$3,725,000, and \$3,074,000 for 2015, 2014 and 2013, respectively. Accumulated depreciation includes \$5,400 at December 31, 2015 for assets acquired under capital leases. There were no capital leases for the prior year.

#### Note 4 Goodwill

The changes in the carrying amount of goodwill by segment for the years ended December 31, 2015 and January 3, 2015 are as follows:

	Specialty Chemicals Segment	Metals Segment	Total
Balance at December 28, 2013	\$ 1,354,730	\$ 15,897,948	\$ 17,252,678
Acquisition of Specialty	—	5,997,523	5,997,523
Balance at January 3, 2015	1,354,730	21,895,471	23,250,201
Specialty inventory adjustment	—	(2,318,187)	(2,318,187)
Reduction due to the finalization of Specialty's beginning balance sheet	—	(2,419,035)	(2,419,035)
Impairment charge	—	(17,158,249)	(17,158,249)
Balance at December 31, 2015	\$ 1,354,730	\$ —	\$ 1,354,730

Goodwill represents the excess of the purchase price over the fair value of the net assets of businesses acquired.

During the second quarter 2015, the Company finalized the purchase price allocation for the Specialty acquisition relating to two matters. Additional information was obtained surrounding the proper lifespan of Specialty's steel pipe. As a result, the fair value of the inventory increased and goodwill decreased by approximately \$2,318,000. Additionally, the Company adjusted the earn-out liability to the former owner of Specialty by approximately \$2,419,000.

Goodwill is tested for impairment at the reporting unit level annually in the fourth quarter and whenever events or circumstances indicate the carrying value may not be recoverable. The evaluation of goodwill impairment involves using either a qualitative or quantitative approach as outlined in ASC Topic 350. The Company completed its annual goodwill impairment evaluation using the two-step quantitative analysis during the fourth quarter of 2015.

In the first step of the analysis, the Company compared the estimated value of each reporting unit to its carrying value, including goodwill. The fair value of the reporting units was determined based on discounted cash flow methodologies. The fair value of all reporting units exceeded the carrying value. However, the Company noted substantial compression of the Company's stock price during 2015 resulting in a significant gap between the market capitalization of the Company, which has been increased by an estimated control premium of 35 percent, compared to the fair value of the Company determined using the discounted cash flow methodologies mentioned previously. As a result, invested equity, which is market capitalization plus interest rate debt, was allocated to each reporting unit and compared to the respective net assets. This step indicated sufficient cushion ( \$26,573,000 ) in the Specialty Chemicals Segment to support the recorded goodwill but indicated potential impairment of the goodwill recorded for the Metals Segment. Therefore, the second step of the analysis was performed where the implied fair value of goodwill was determined for the Specialty and Palmer reporting units. BRISMET was not included in the Step 2 analysis since it does not have any goodwill. The implied fair value of goodwill represents the excess of fair value of the reporting unit over the fair value amounts assigned to all of the tangible and intangible assets of the reporting unit as if it were to be acquired in a business combination. Any amount remaining after this allocation represents the implied fair value of goodwill. The implied fair value of the respective reporting units' goodwill was then compared to the carrying value of the goodwill and any excess of carrying value over the implied fair value represents the non-cash impairment charge. The results of the second step analysis showed that the implied fair value of goodwill was zero for the Palmer and Specialty reporting units. Therefore, in 2015, the Company recorded a goodwill impairment charge of \$17,158,000 for the Palmer and Specialty operations. As a result of the goodwill impairment charge, there is no goodwill remaining within the Metals Segment, and goodwill remaining on the consolidated balance sheet at December 31, 2015 is \$1,355,000 for the Specialty Chemicals Segment.

The impairment of the Specialty and Palmer reporting units was primarily driven by the significant compression of the Company's stock price as a result of temporary business declines being experienced in the Metals Segment. These declines primarily related to lower oil prices that caused significantly reduced demand for Palmer and Specialty's products and, secondarily, related to lowered nickel surcharges which affected both pounds shipped and selling prices for the BRISMET reporting unit. Other companies in the oil and gas sector are similarly affected as a result of declining commodity prices. As discussed above, this compression resulted in a significant gap between the fair value of the Company based on the discounted cash flow analysis and the market capitalization of the Company as of December 31, 2015. The valuation of goodwill for the second step of the goodwill impairment analysis is considered a Level 3 fair value measurement, which means that the valuation of the assets and liabilities reflect the Company's own assumptions about the assumptions that the market participants would use in pricing the assets and liabilities.

Goodwill impairment tests in prior years indicated that goodwill was not impaired for any of the Company's reporting units.

#### Note 5 Long-term Debt

	2015	2014
\$40,000,000 Revolving line of credit, due November 21, 2017	\$ 1,875,566	\$ 884,637
\$10,000,000 Term loan, due November 21, 2019	7,833,333	10,000,000
\$22,500,000 Term loan, due August 21, 2022	15,000,000	17,250,000
\$4,033,250 Mortgage, due August 19, 2023	3,370,810	3,654,713
	<u>28,079,709</u>	<u>31,789,350</u>
Less current portion	4,533,908	4,533,908
Long-term debt, less current portion	<u>\$ 23,545,801</u>	<u>\$ 27,255,442</u>

On August 19, 2011, the Company amended its Credit Agreement with a regional bank which provided a \$20,000,000 line of credit that was to expire on June 30, 2014. In connection with the Palmer acquisition, on August 21, 2012, the Company modified the Credit Agreement to increase the limit of the credit facility by \$5,000,000 to a maximum of \$25,000,000, and extended the maturity date to August 21, 2015. In connection with the Specialty acquisition discussed in Note 18, on November 21, 2014, the Company modified the Credit Agreement to increase the limit of the credit facility by \$15,000,000 to a maximum of \$40,000,000, and extended the maturity date to November 21, 2017. The Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement), tangible net worth floor (as defined in the Credit Agreement), and Total Liabilities to Tangible Net Worth ratio (as defined in the Credit Agreement) were changed as a result of this modification. None of the other provisions of the Credit Agreement were changed as a result of this modification. Interest on the Credit Agreement is calculated using the One Month LIBOR (as defined in the Credit Agreement), plus a pre-defined spread, based on the Company's Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement).

In connection with the acquisition of Specialty, discussed in Note 18, the Credit Agreement modification on November 21, 2014 also provided for a five -year term loan, expiring November 21, 2019, in the amount of \$10,000,000 that requires equal monthly payments of \$166,667, plus interest, calculated using the One Month LIBOR (as defined in the Credit Agreement), plus a pre-defined spread, based on the Company's Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement). The interest rate was 2.30 percent at December 31, 2015.

In connection with the acquisition of CRI, discussed in Note 18, on August 9, 2013 the Company amended its Credit Agreement for an additional ten -year mortgage in the amount of \$4,033,250, with monthly principal payments customized to account for the 20 -year amortization of the real estate assets combined with a 5 -year amortization of the equipment assets purchased. The interest rate was 2.40 percent at December 31, 2015. In conjunction with this term loan, to mitigate the variability of interest rate risk, the Company entered into an interest rate swap contract (the "CRI swap") on September 3, 2013; see Note 17.

In connection with the Palmer acquisition on August 21, 2012, the Credit Agreement provided for a ten -year term loan in the amount of \$22,500,000 that requires equal monthly payments of \$187,500 plus interest. The interest rate was 2.65 percent at December 31, 2015. In conjunction with this term loan, to mitigate the variability of the interest rate risk, the Company entered into an interest rate swap contract (the "Palmer swap") on August 21, 2012 with its current bank; see Note 17.

Although both swap agreements are expected to effectively offset variable interest in the borrowings, hedge accounting was not utilized. Therefore, their fair values are recorded in current assets or liabilities, as appropriate, with corresponding changes in their fair value recorded to other income (expense). The Company recorded a \$40,000 liability and an \$11,000 asset for the fair value of the Palmer swap as of December 31, 2015 and January 3, 2015, respectively. As of December 31, 2015 and January 3, 2015, the Company recorded a liability of \$206,000 and \$215,000, respectively, for the fair value of the CRI swap. During 2013, a portion of the initial change in fair value on the CRI swap was deemed to be attributable to a cost of underwriting the term loan obtained for the CRI acquisition; therefore \$70,000 of the total change in fair value was classified as an acquisition cost, and the remainder as other income (expense).

Pursuant to the Credit Agreement, the Company was required to pledge all of its tangible and intangible properties, including the acquired assets of Specialty, Palmer and CRI. Covenants under the Credit Agreement include maintaining a certain Total Funded Debt to EBITDA ratio (as defined in the Credit Agreement), a minimum tangible net worth and a total liabilities to tangible net worth ratio. The Company is also limited to a maximum amount of capital expenditures per year, which is in line with the Company's currently projected needs. At December 31, 2015, the Company was in compliance with all debt covenants.

The line of credit interest rates were 2.00 percent , 1.77 percent , and 2.16 percent at December 31, 2015 , January 3, 2015 , and December 28, 2013 , respectively. Additionally, the Company is required to pay a fee equal to 0.125 percent on the average daily unused amount of the line of credit on a quarterly basis. As of December 31, 2015 , the amount available for borrowing under the line of credit was \$40,000,000 of which \$1,876,000 was borrowed, leaving \$38,124,000 of availability. Average line of credit borrowings outstanding during fiscal 2015 , 2014 and 2013 were \$6,446,000 , \$2,735,000 and \$19,860,000 with weighted average interest rates of 2.48 percent , 1.35 percent and 1.74 percent , respectively. The average borrowings for 2014 and 2013 were determined based on the period the Company had an outstanding balance on the line of credit. During 2013, the line of credit was completely paid in October 2013 and the Company had no borrowings on the line of credit until December 2014.

Scheduled maturities of total term debt obligations are as follows: 2016 - \$4,534,000 ; 2017 - \$4,534,000 ; 2018 - \$4,497,000 ; 2019 - \$4,258,000 ; 2020 - \$2,424,000 ; and thereafter - \$5,957,000 .

The Company made interest payments on all credit facilities of \$1,149,000 in 2015 , \$930,000 in 2014 and \$1,202,000 in 2013 .

#### Note 6 Accrued Expenses

Accrued expenses consist of the following:

	2015	2014
Salaries, wages and commissions	1,941,547	2,814,279
Facility closing reserves	3,000,000	1,570,399
Taxes, other than income taxes	744,880	470,456
Current portion of pension liability from the closure of Bristol Fab	643,802	780,595
Advances from customers	637,597	1,027,123
Insurance	629,625	859,151
Professional fees	531,694	194,065
EPA liability	368,690	—
Warranty reserve	254,516	63,000
Interest rate swap liability	246,145	215,188
Benefit plans	181,694	212,352
Current portion of deferred compensation	36,000	51,000
Interest	27,977	56,922
Current portion of capital lease obligation	20,539	—
Current portion of earn-out liability	—	4,659,871
Uncertain tax positions	—	1,504,146
Other accrued items	469,174	206,139
Total accrued expenses	<u>\$ 9,733,880</u>	<u>\$ 14,684,686</u>

#### Note 7 Environmental Compliance Costs

At December 31, 2015 and January 3, 2015 , the Company had accrued \$551,000 and \$576,000 , respectively, for remediation costs which, in management's best estimate, is sufficient to satisfy anticipated costs of known remediation requirements as outlined below. Expenditures related to costs currently accrued are not discounted to their present values and are expected to be made over the next three to four years. As a result of the evolving nature of the environmental regulations, the difficulty in estimating the extent and remedy of environmental contamination and the availability and application of technology, the estimated costs for future environmental compliance and remediation are subject to uncertainties and it is not possible to predict the amount or timing of future costs of environmental matters which may subsequently be determined.

Prior to 1987, the Company utilized certain products at its chemical facilities that are currently classified as hazardous materials. Testing of the groundwater in the areas of the former wastewater treatment impoundments at these facilities disclosed the presence of certain contaminants. In addition, several solid waste management units ("SWMUs") at the plant sites have been identified. During 2014, at the former Augusta, GA plant site, the Georgia Department of Natural Resources, Environmental Protection Division ("EPD") closed the surface impoundment regulated unit since the Company met post-closure clean-up goals and the Company renewed the Corrective Action Permit, which includes a site-wide corrective action plan, long-term monitoring and

institutional controls. The Company has accrued \$476,000 and \$501,000 at December 31, 2015 and January 3, 2015 , respectively, for estimated future remedial and cleanup costs. As part of the Asset Purchase Agreement for the sale of the former Spartanburg facility, the purchaser also agreed to pay for all future annual monitoring and reporting costs at the Augusta facility required by the EPD.

The Company has identified and evaluated two SWMUs at its plant in Bristol, Tennessee that revealed residual groundwater contamination. An Interim Corrective Measures Plan to address the final area of contamination identified was submitted for regulatory approval and was approved in March 2005 . The Company had \$75,000 accrued at December 31, 2015 and January 3, 2015 , to provide for estimated future remedial and cleanup costs.

The Company has been designated, along with others, as a potentially responsible party under the Comprehensive Environmental Response, Compensation, and Liability Act, or comparable state statutes, at one waste disposal site. Notification from the United States Environmental Protection Agency for this site was received by the Company in February 2008 . The last correspondence that the Company received for this site was dated March 10, 2011. It is impossible to determine the ultimate costs related to the remaining site due to several factors such as the unknown possible magnitude of possible contamination, the unknown timing and extent of the corrective actions which may be required and the determination of the Company's liability in proportion to the other parties. At the present time, the Company does not have sufficient information to form an opinion as to whether it has any liability, or the amount of such liability, if any. However, it is reasonably possible that some liability exists.

The Company does not anticipate any insurance recoveries to offset the environmental remediation costs it has incurred. Due to the uncertainty regarding court and regulatory decisions, and possible future legislation or rulings regarding the environment, many insurers will not cover environmental impairment risks, particularly in the chemical industry. Hence, the Company has been unable to obtain this coverage at an affordable price.

#### **Note 8 Deferred Compensation**

The Company has deferred compensation agreements with certain former officers providing for payments for the longer of ten years or life from age 65 . The present value of such vested future payments, \$182,000 at December 31, 2015 and \$261,000 at January 3, 2015 , has been accrued.

## Note 9 Stock Options, Stock Grants and New Stock Issues

A summary of activity in the Company's stock option plans is as follows:

	Weighted Average Exercise Price	Options Outstanding	Weighted Average Contractual Term (in years)	Intrinsic Value of Options	Options Available
At December 29, 2012	\$ 11.82	220,740	8.4	\$ 367,937	138,260
Granted February 7, 2013	\$ 13.70	40,594			(40,594)
Exercised	\$ 10.69	(15,247)		\$ 64,263	
Expired	\$ 12.70	(83,351)			83,351
At December 28, 2013	\$ 11.95	162,736	7.5	\$ 582,894	181,017
Granted February 20, 2014	\$ 14.76	13,790			(13,790)
Exercised	\$ 11.23	(17,074)		\$ 91,772	
Expired	\$ 13.70	(2,157)			2,157
At January 3, 2015	\$ 12.25	157,295	6.9	\$ 852,810	169,384
Granted February 10, 2015	\$ 16.01	32,532			(32,532)
Exercised	\$ 12.47	(666)		\$ 1,511	
Expired	\$ 14.08	(15,176)			15,176
At December 31, 2015	\$ 12.79	173,985	6.4	\$ —	152,028
Exercisable options	\$ 11.85	88,025	5.5	\$ —	

				Grant Date Fair Value
Options expected to vest:				
At December 28, 2013	\$ 12.18	122,145	7.8	\$ 7.19
Granted February 20, 2014	\$ 14.76	13,790		\$ 6.70
Vested	\$ 11.98	(33,702)		\$ 7.03
Forfeited unvested options	\$ 13.70	(1,725)		
At January 3, 2015	\$ 12.54	100,508	7.2	\$ 6.76
Granted February 10, 2015	\$ 16.01	32,532		\$ 6.39
Vested	\$ 12.16	(35,794)		\$ 7.01
Forfeited unvested options	\$ 14.23	(11,286)		
At December 31, 2015	\$ 8.26	85,960	7.3	\$ 6.57

The following table summarizes information about stock options outstanding at December 31, 2015 :

Range of Exercise Prices	Outstanding Stock Options			Exercisable Stock Options	
	Shares	Weighted Average		Shares	Weighted Average Exercise Price
		Exercise Price	Remaining Contractual Life in Years		
\$ 11.55	82,342	\$ 11.55	5.06	62,342	\$ 11.55
\$ 11.35	25,076	\$ 11.35	6.11	13,184	\$ 11.35
\$ 13.70	27,801	\$ 13.70	7.10	10,647	\$ 13.70
\$ 14.76	9,260	\$ 14.76	8.14	1,852	\$ 14.76
\$ 16.01	29,506	\$ 16.01	9.11	—	\$ 16.01
	<u>173,985</u>			<u>88,025</u>	

The 2011 Plan is an incentive stock option plan, therefore there are no income tax consequences to the Company when an option is granted or exercised. On February 7, 2013, the Company granted options to purchase 40,594 shares of its common stock at an

exercise price of \$13.70 per share to participants in the 2011 Plan. The fair value of this stock option grant was \$6.30 . The Black-Scholes model for this grant was based on a risk-free interest rate of two percent , an expected life of seven years, an expected volatility of 0.53 and a dividend yield of 1.80 percent .

On February 20, 2014, the Company granted options to purchase 13,790 shares of its common stock at an exercise price of \$14.76 per share to participants in the 2011 Plan. The fair value of this stock option grant was \$6.70 . The Black-Scholes model for this grant was based on a risk-free interest rate of two percent , an expected life of seven years, an expected volatility of 0.52 and a dividend yield of 1.80 percent .

On February 10, 2015 , the Company granted options to purchase 32,532 shares of its commons stock at an exercise price of \$16.01 per share to participants in the 2011 Plan. The stock options will vest in 20 percent increments annually on a cumulative basis, beginning one year after the date of grant. In order for the options to vest, the employee must be in the continuous employment of the Company since the date of the grant. Any portion of the grant that has not vested will be forfeited upon termination of employment. Shares representing grants that have not yet vested will be held in escrow by the Company. An employee will not be entitled to any voting rights with respect to any shares not yet vested, and the shares are not transferable. The per share weighted-average fair value of this stock option grant was \$6.39 . The Black-Scholes model for this grant was based on a risk-free interest rate of two percent , an expected life of seven years, an expected volatility of 0.46 and a dividend yield of two percent .

In 2015 , 2014 and 2013, options for 666 , 17,074 and 15,247 shares were exercised by employees and directors for an aggregate exercise price of \$8,000 , \$192,000 and \$163,000 , respectively. The proceeds were generated from cash received of \$8,000 in 2015 , from cash received of \$42,000 and repurchase of 9,094 shares from employees and directors totaling \$150,000 in 2014 and from cash received of \$138,000 and repurchase of 1,752 shares from employees and directors totaling \$25,000 in 2013 . At the 2015 , 2014 and 2013 respective year ends, options to purchase 88,025 , 56,787 and 40,591 shares with weighted average exercise prices of \$11.85 , \$11.73 and \$11.26 , respectively, were fully exercisable. Compensation cost charged against income before taxes for the options was approximately \$278,000 for 2015 , \$261,000 for 2014 and \$249,000 for 2013 . As of December 31, 2015 , there was \$319,000 of unrecognized compensation cost related to unvested stock options granted under the Company's stock option plans. The weighted average period over which the stock option compensation cost is expected to be recognized is 3.01 years.

The Company's 2005 Stock Awards Plan expired on February 3, 2015 at which time no further grants could be awarded. There are outstanding awards under this plan that will vest over the next four years. A summary of plan activity for 2013 , 2014 and 2015 is as follows:

	Shares	Weighted Average Grant Date Fair Value
Outstanding at December 29, 2012	32,473	\$ 10.98
Vested	(8,161)	\$ 11.06
Forfeited	(5,060)	\$ 10.20
Outstanding at December 28, 2013	19,252	\$ 11.15
Granted October 16, 2014	31,080	\$ 15.69
Granted November 21, 2014	23,665	\$ 15.85
Vested	(7,434)	\$ 10.60
Forfeited	(160)	\$ 13.34
Outstanding at January 3, 2015	66,403	\$ 15.00
Granted January 5, 2015	3,000	\$ 17.95
Vested	(18,303)	\$ 13.67
Forfeited	(60)	\$ 13.34
Outstanding at December 31, 2015	51,040	\$ 15.65

The Compensation & Long-Term Incentive Committee of the Board of Directors of the Company approves stock grants under the Company's 2005 Stock Awards Plan to certain management employees of the Company. On January 5, 2015, 3,000 shares, with a market price of \$17.95 per share, were granted under the Plan to external consultants of the Company. On November 21, 2014, as a result of the acquisition of Specialty, 23,665 shares, at a market price of \$15.85 per share, were granted under the Plan to certain management employees of Specialty. On October 16, 2014, 31,080 shares, with a market price of \$15.69 per share, were granted under the Plan to the chief executive officer of the Company. On November 21, 2014, as a result of the acquisition of



Specialty, 23,665 shares, at a market price of \$15.85 per share, were granted under the Plan to certain management employees of Specialty. The stock awards vest in 20 percent increments annually on a cumulative basis, beginning one year after the date of grant, from shares held in treasury with the Company. In order for the awards to vest, the employee must be in the continuous employment of the Company since the date of the award. Any portion of an award that has not vested is forfeited upon termination of employment. An employee is not entitled to any voting rights with respect to any shares not yet vested, and the shares are not transferable.

The 2005 Stock Awards Plan expired on February 3, 2015. Outstanding awards under this plan that will vest over the next four years are described above. The 2015 Stock Awards Plan was approved by the Compensation & Long-Term Incentive Committee of the Board of Directors of the Company and authorizes the issuance of up to 250,000 shares which can be awarded for a period of ten years from the effective date of the plan. The stock awards vest in 20 percent increments annually on a cumulative basis, beginning one year after the date of the grant, from shares held in treasury with the Company. In order for the awards to vest, the employee must be in the continuous employment of the Company since the date of the award. Any portion of an award that has not vested is forfeited upon termination of employment. The Company may terminate any portion of the award that has not vested upon an employee's failure to comply with all conditions of the award or the 2015 Stock Awards Plan. An employee is not entitled to any voting rights with respect to any shares not yet vested, and the shares are not transferable. The first grants for the 2015 Stock Awards Plan were awarded on February 19, 2016; see Note 22.

Compensation expense on the grants issued is charged against earnings equally before forfeitures, if any, over a period of 60 months from the date of the grants, with the offset recorded in Shareholders' Equity. Compensation cost charged against income for the awards was approximately \$243,000, \$155,000 net of income taxes, or \$0.02 per share for 2015, \$103,000, \$66,000 net of income taxes, or \$0.01 per share for 2014 and \$82,000, \$52,000 net of income taxes, or \$0.01 per share, for 2013. As of December 31, 2015, there was \$711,000 of total unrecognized compensation cost related to unvested stock grants under the 2005 Stock Awards Plan. The weighted average period over which the stock grant compensation cost is expected to be recognized is 3.82 years.

Each year, the Company allows each non-employee director to elect up to 100 percent of their annual retainer in restricted stock. The number of restricted shares issued is determined by the average of the high and low common stock price on the day prior to the Annual Meeting of Shareholders or the date prior to the appointment to the Board for those individuals that are appointed mid-term. On May 12, 2015, April 24, 2014 and April 25, 2013, non-employee directors received an aggregate of 8,216, 7,088 and 9,411 shares, respectively, of restricted stock in lieu of total retainer fees of \$119,000, \$111,000 and \$128,000, respectively. The shares granted to the directors are not registered under the Securities Act of 1933 and are subject to forfeiture in whole or in part upon the occurrence of certain events.

**Note 10 Income Taxes**

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Significant components of the Company's deferred tax liabilities and assets are as follows at the respective year ends:

(Amounts in thousands)	2015	2014
<b>Deferred tax assets:</b>		
Inventory valuation reserves	\$ 699	\$ 303
Allowance for doubtful accounts	61	85
Inventory capitalization	1,692	1,504
Environmental reserves	175	206
Interest rate swap	41	41
Warranty accrual	88	23
Deferred compensation	64	93
Accrued bonus	338	739
Accrued expenses	1,403	568
State net operating loss carryforwards	1,616	1,776
Other	423	371
<b>Total deferred tax assets</b>	<b>6,600</b>	<b>5,709</b>
Valuation allowance	(1,694)	(1,570)
<b>Total net deferred tax assets</b>	<b>4,906</b>	<b>4,139</b>
<b>Deferred tax liabilities:</b>		
Tax over book depreciation and amortization	7,609	6,804
Prepaid expenses	312	825
Other	2	26
<b>Total deferred tax liabilities</b>	<b>7,923</b>	<b>7,655</b>
<b>Net deferred tax liabilities</b>	<b>\$ (3,017)</b>	<b>\$ (3,516)</b>

Significant components of the provision for income taxes from continuing operations are as follows:

(Amounts in thousands)	2015	2014	2013
<b>Current:</b>			
Federal	\$ 1,414	\$ 3,933	\$ 2,192
State	235	656	344
<b>Total current</b>	<b>1,649</b>	<b>4,589</b>	<b>2,536</b>
<b>Deferred:</b>			
Federal	(48)	964	(1,113)
State	198	(167)	(213)
<b>Total deferred</b>	<b>150</b>	<b>797</b>	<b>(1,326)</b>
<b>Total</b>	<b>\$ 1,799</b>	<b>\$ 5,386</b>	<b>\$ 1,210</b>

Tax benefit from discontinued operations amounted to \$651,000 , \$3,807,000 and \$812,000 for the fiscal years ended 2015, 2014 and 2013, respectively.

The reconciliation of income tax computed at the U. S. federal statutory tax rates to income tax expense is:

(Amounts in thousands)	2015		2014		2013	
	Amount	%	Amount	%	Amount	%
Tax at U.S. statutory rates	\$ (2,881)	34.0 %	\$ 6,302	35.0 %	\$ 1,397	34.0 %
State income taxes, net of federal tax benefit	285	(3.4)%	324	1.8 %	74	1.8 %
State valuation allowance	94	(1.1)%	—	—%	—	—%
Earn-out adjustments	(857)	10.1 %	(1,217)	(6.8)%	—	—%
Bargain gain on CRI acquisition	—	—%	—	—%	(366)	(8.9)%
Manufacturing exemption	(188)	2.2 %	(458)	(2.5)%	(138)	(3.4)%
Stock issuance costs	—	—%	—	—%	101	2.5 %
Stock option compensation	95	(1.1)%	91	0.5 %	85	2.1 %
Uncertain tax positions	(139)	1.6 %	139	0.8 %	—	—%
Goodwill impairment	5,405	(63.8)%	—	—%	—	—%
Other, net	(15)	0.2 %	205	1.1 %	57	1.4 %
Total	\$ 1,799	(21.2)%	\$ 5,386	29.9 %	\$ 1,210	29.5 %

Income tax payments of approximately \$2,251,000, \$2,091,000 and \$2,445,000 were made in 2015, 2014 and 2013, respectively. The Company had state net operating loss carryforwards at the end of fiscal years 2015 and 2014 of approximately \$47,042,000 and \$50,774,000, respectively. These losses will expire between the years of 2016 and 2035. A valuation allowance has been set up against \$47,042,000 of these state net operating loss carryforwards because it is not more likely than not that the losses will be realized in the foreseeable future. The portion of the valuation allowance for the net operating loss carryforwards was \$1,616,000 and \$1,570,000 at December 31, 2015 and January 3, 2015, respectively. In addition, a \$78,000 valuation allowance was established at December 31, 2015 for other deferred tax assets. This resulted in a valuation allowance increase of \$124,000; \$94,000 related to continuing operations and \$30,000 related to discontinued operations.

The Company and its subsidiaries are subject to U.S. federal income tax as well as income tax of multiple state jurisdictions. The Company is no longer subject to U.S. federal examinations for years before 2013 or state income tax examinations for years before 2011. The Company completed its 2012 and 2013 federal income tax return examination by the Internal Revenue Service during the second quarter of 2015.

Provided below is a roll forward of the Company's uncertain tax positions.

(Amounts in thousands)	Unrecognized Tax		Total
	Benefit	Interest and Penalties	
Balance at December 28, 2013	\$ —	\$ —	\$ —
Increases related to prior year tax positions	1,431	73	1,504
Decreases related to prior year tax positions	—	—	—
Increases related to current year tax position	—	—	—
Settlements during period	—	—	—
Lapse of statute of limitations	—	—	—
Balance at January 3, 2015	1,431	73	1,504
Increases related to prior year tax positions	—	—	—
Decreases related to prior year tax positions	(1,431)	(73)	(1,504)
Increases related to current year tax position	—	—	—
Settlements during period	—	—	—
Lapse of statute of limitations	—	—	—
Balance at December 31, 2015	\$ —	\$ —	\$ —

The Company's continuing practice is to recognize interest and/or penalties related to income tax matters in the provision for income taxes. The Company had no accruals for uncertain tax positions including interest and penalties at the end of 2015.

#### **Note 11 Benefit Plans and Collective Bargaining Agreements**

The Company has a 401(k) Employee Stock Ownership Plan (the "401(k)/ESOP Plan") covering all non-union employees. Employees could contribute to the 401(k)/ESOP Plan up to 100 percent of their wages with a maximum of \$18,000 for 2015 . Under the Economic Growth and Tax Relief Reconciliation Act, employees who are age 50 or older could contribute an additional \$6,000 per year for a maximum of \$24,000 for 2015 . Contributions by the employees are invested in one or more funds at the direction of the employee; however, employee contributions cannot be invested in Company stock. Contributions by the Company are made in cash and then used by the 401(k)/ESOP Plan Trustee to purchase Company stock. The Company contributes on behalf of each eligible participant a matching contribution equal to a percentage which is determined each year by the Board of Directors. For 2015 , 2014 and 2013 the maximum was four percent . The matching contribution is allocated after each payroll. Matching contributions of approximately \$541,000 , \$521,000 and \$550,000 were made for 2015 , 2014 and 2013 , respectively. The Company may also make a discretionary contribution, which if made, would be distributed to all eligible participants regardless of whether they contribute to the 401(k)/ESOP Plan. No discretionary contributions were made to the 401(k)/ESOP Plan in 2015 , 2014 or 2013 .

The Company also has a 401(k) and Profit Sharing Plan (the "Profit Sharing Plan") covering all employees of the United Steel Workers of America, Local 4586 Collective Bargaining Agreement. Employees could contribute to the Profit Sharing Plan up to 60 percent of pretax annual compensation, as defined in the Plan, with a maximum of \$18,000 for 2015. Under the Economic Growth and Tax Relief Reconciliation Act, employees who are age 50 or older could contribute an additional \$6,000 per year for a maximum of \$24,000 for 2015. The Company contributes three percent of a participant's compensation for the plan year, regardless of whether the participants contribute to the Profit Sharing Plan. The Company's contribution of approximately \$157,000 , \$148,000 and \$200,000 were expensed for 2015, 2014 and 2013, respectively. Additional profit sharing amounts may also be contributed at the option of the Company's Board of Directors, which if made, would be allocated to participants based on the ratio of the participant's compensation to the total compensation of all participants eligible to participate in the Profit Sharing Plan. No discretionary contributions were made to the Profit Sharing Plan in 2015 , 2014 or 2013 .

The Company also contributes to union-sponsored defined contribution retirement plans. Contributions relating to these plans were approximately \$28,000 , \$2,180,000 and \$682,000 for 2015 , 2014 and 2013 , respectively. Also, upon closure of Bristol Fab as discussed in Note 19, the Company was legally obligated to pay a withdrawal liability to the Union's pension fund of over \$1,900,000 . This withdrawal liability is included in the employer contribution to the union-sponsored defined contribution retirement plan for 2014.

The Company has two collective bargaining agreements at its Bristol, Tennessee and Mineral Ridge, Ohio facilities. The number of employees of the Company represented by these unions, located at the Bristol, Tennessee and Mineral Ridge, Ohio facilities, is 145 , or 35 percent of the Company's total employees. They are represented by two locals affiliated with the United Steelworkers. The Company considers relationships with its union employees to be satisfactory. Collective bargaining contracts for the United Steelworkers will expire in June 2017 and July 2019.

#### **Note 12 Leases**

The Company leases a warehouse facility in Dalton, Georgia, office space in Spartanburg, South Carolina and Richmond, Virginia, property for a storage yard in Mineral Ridge, Ohio and various manufacturing and office equipment at each of its locations, all under operating leases. The amount of future minimum lease payments under these operating leases are as follows: 2016 - \$156,000 ; 2017 - \$118,000 ; 2018 - \$147,000 ; 2019 - \$137,000 ; 2020 - \$139,000 ; and thereafter - \$266,000 . Rent expense related to operating leases was \$686,000 , \$903,000 and \$1,043,000 in 2015 , 2014 and 2013 , respectively.

The Company leases machinery and equipment for its manufacturing facility in Cleveland, Tennessee under a capital lease. Future minimum commitments for capital leases are as follows:

Year ending December 31:	
2016	\$ 23,076
2017	23,076
2018	23,076
2019	23,076
2020	7,692
Total minimum lease payments	99,996
Less imputed interest costs	6,064
Present value of net minimum lease payments	<u>\$ 93,932</u>

The current portion due under the capital lease is included in accrued expenses and the long-term portion is included in other long-term liabilities in the accompanying consolidated balance sheet as of December 31, 2015. The Company had no capital lease obligations as of January 3, 2015.

### Note 13 Commitments and Contingencies

The Company is from time-to-time subject to various claims, other possible legal actions for product liability and other damages, and other matters arising out of the normal conduct of the Company's business. No significant claims expenses were incurred during 2015. The Metals Segment recorded claim expense from continuing operations of \$115,000 and \$298,000 for 2014 and 2013, respectively, for specific customers' product claims. These claim expenses exclude normal, recurring warranty charges. Any legal costs associated with commitments or contingencies are expensed as incurred.

In January 2014, a Metals Segment customer filed suit against Palmer and Synalloy and another unrelated defendant in Texas state court alleging breach of warranty, among other claims. The plaintiff's claim for damages does not state a dollar amount. This matter arises out of products manufactured and sold by Palmer prior to the Company's acquisition of Palmer. As such, the former shareholders of Palmer are contractually bound in the Stock Purchase Agreement to indemnify the Company for any and all costs, including attorneys' fees, which may arise out of this matter. The case is currently pending in Texas state court.

In September 2014, a Metals Segment customer filed suit against Synalloy Fabrication, LLC (discontinued operation) and its surety in the United States District Court for the District of Maryland (Baltimore Division) alleging breach of contract, among other claims. The plaintiff's claim for damages is approximately \$3,300,000 plus attorney's fees. This matter arose from a disagreement over the scope of a pipe fabrication project and whether an enforceable contract exists between the parties. On March 11, 2016, the United States District Court of Maryland (Baltimore Division) granted summary judgment regarding liability in favor of the plaintiff by ruling that an enforceable contract existed between the parties and the Company breached the agreement. As a result of this ruling, the remaining issue in the case is the amount of the plaintiff's damages. Consequently, the Company increased the estimated costs accrued associated with this claim for the year ended December 31, 2015. This increase is included in the facility closing reserve discussed in Note 6 and in discontinued operations on the accompanying consolidated statements of operations.

Other than the environmental contingencies discussed in Note 7 and the matters discussed in this Note 13, management is not currently aware of any other asserted or unasserted matters which could have a significant effect on the financial condition or results of operations of the Company.

## Note 14 Earnings Per Share

The following table sets forth the computation of basic and diluted earnings per share:

	2015	2014	2013
<b>Numerator:</b>			
Net (loss) income from continuing operations	\$ (10,269,278)	\$ 12,618,787	\$ 2,898,048
Net (loss) income from discontinued operations, net of tax	\$ (1,251,058)	\$ (7,156,524)	\$ (1,137,484)
<b>Denominator:</b>			
Denominator for basic earnings per share - weighted average shares	8,710,361	8,702,094	6,941,794
<b>Effect of dilutive securities:</b>			
Employee stock options and stock grants	—	13,008	5,610
Denominator for diluted earnings per share - weighted average shares	8,710,361	8,715,102	6,947,404
<b>Net (loss) earnings per share from continuing operations:</b>			
Basic	\$ (1.18)	\$ 1.45	\$ 0.42
Diluted	\$ (1.18)	\$ 1.45	\$ 0.42
<b>Net loss per share from discontinued operations:</b>			
Basic	\$ (0.14)	\$ (0.82)	\$ (0.16)
Diluted	\$ (0.14)	\$ (0.82)	\$ (0.16)

The diluted earnings per share calculations exclude the effect of potentially dilutive shares when the inclusion of those shares in the calculation would have an anti-dilutive effect. The Company had weighted average shares of common stock of 229,025 in 2015 , 46,957 in 2014 and 161,084 in 2013 , which were not included in the diluted earnings per share calculation as their effect was anti-dilutive.

## Note 15 Industry Segments

The Company's business is divided into two reportable operating segments: Metals and Specialty Chemicals. The Company identifies such segments based on products and services, long-term financial performance and end markets targeted. The Metals Segment operates as three reporting units including Synalloy Metals, Inc., a wholly-owned subsidiary which owns 100 percent of BRISMET, Palmer and Specialty, both wholly-owned subsidiaries of the Company. BRISMET manufactures pipe from stainless steel and other alloys, Palmer produces fiberglass and steel storage tanks and Specialty is a master distributor of seamless carbon pipe and tube. The Metal Segment's products, some of which are custom-produced to individual orders and required for corrosive and high-purity processes, are used principally by the chemical, petrochemical, pulp and paper, mining, power generation (including nuclear), water and wastewater treatment, liquid natural gas, brewery, food processing, petroleum, pharmaceutical and other industries. Products include pipe, storage tanks, pressure vessels and a variety of other components. The Specialty Chemicals Segment operates as one reporting unit which includes MS&C, a wholly owned subsidiary of the Company which owns 100 percent of MC, and CRI Tolling, a wholly owned subsidiary of the Company. The Specialty Chemicals Segment manufactures a wide variety of specialty chemicals for the carpet, chemical, paper, metals, mining, agricultural, fiber, paint, textile, automotive, petroleum, cosmetics, mattress, furniture, janitorial and other industries. MC manufactures lubricants, surfactants, defoamers, reaction intermediaries and sulfated fats and oils. CRI Tolling provides chemical tolling manufacturing resources to global and regional companies and contracts with other chemical companies to manufacture certain pre-defined products.

The chief operating decision maker evaluates performance and determines resource allocations based on a number of factors, the primary measure being operating income (loss). The accounting policies of the segments are the same as those described in the summary of significant accounting policies.

Segment operating income is the segment's total revenue less operating expenses, excluding interest expense and income taxes. Identifiable assets, all of which are located in the United States, are those assets used in operations by each segment. The Metals Segment's identifiable assets did not include any goodwill in 2015 and reflected \$21,895,000 of goodwill in 2014 . During 2015, the Company recorded an impairment charge of approximately \$17,158,000 of the total Metals Segment's goodwill as a result of

the two-step annual impairment analysis performed in the fourth quarter; see Note 4. The Specialty Chemicals Segment's identifiable assets include goodwill of \$1,355,000 in 2015 and 2014 . Centralized data processing and accounting expenses are allocated to the two segments based upon estimates of their percentage of usage. Unallocated corporate expenses include environmental charges of \$93,000 and \$17,000 for 2015 and 2013, respectively, and environmental income of \$13,000 for 2014 . Corporate assets consist principally of cash, certain investments and equipment.

The Metals Segment has one customer that accounted for approximately 14 percent of revenues for 2015 and a different customer accounting for approximately ten percent in 2013. There were no customers representing more than ten percent of the Metals Segment's revenues in 2014. The Specialty Chemicals Segment has one customer that accounted for approximately 31 percent of revenues for 2015 and 2014 and a different customer representing 40 percent of revenues in 2013 . The change in customers resulted from two of the three product lines which use the Company's products being sold to another company in early 2014. The Specialty Chemicals Segment successfully retained the acquiring company's business. This new customer is a large global company, and the purchases by this customer are derived from two different business units that operate autonomously from each other. Even so, loss of this customer's revenues would have a material adverse effect on the Specialty Chemicals Segment and the Company.

In order to establish stronger business relationships, the Metals Segment uses only a few raw material suppliers. Seven suppliers furnish about 78 percent of total dollar purchases of raw materials, with one supplier furnishing 34 percent . However, the Company does not believe that the loss of this supplier would have a materially adverse effect on the Company as raw materials are readily available from a number of different sources, and the Company anticipates no difficulties in fulfilling its requirements. For the Specialty Chemicals Segment, most raw materials are generally available from numerous independent suppliers and about 45 percent of total purchases are from its top eight suppliers. While some raw material needs are met by a sole supplier or only a few suppliers, the Company anticipates no difficulties in fulfilling its raw material requirements.

**Segment Information:**

All values are for continuing operations only.

(Amounts in thousands)	2015	2014	2013
<b>Net sales</b>			
Metals Segment	\$ 114,908	\$ 134,304	\$ 140,233
Specialty Chemicals Segment	60,552	65,201	56,518
	<u>\$ 175,460</u>	<u>\$ 199,505</u>	<u>\$ 196,751</u>
<b>Operating (loss) income</b>			
Metals Segment	\$ 2,822	\$ 13,511	\$ 1,263
Goodwill impairment	(17,158)	—	—
Business interruption proceeds	1,246	—	—
Total Metals Segment	(13,090)	13,511	1,263
Specialty Chemicals Segment	5,665	6,130	5,743
	(7,425)	19,641	7,006
Less unallocated corporate expenses	5,227	3,300	3,243
Acquisition related costs	500	302	264
Operating (loss) income	(13,152)	16,039	3,499
Interest expense	1,232	1,092	1,357
Change in fair value of interest rate swap	42	426	(741)
Specialty and Palmer earn-out adjustments	(4,897)	(3,476)	—
Casualty insurance gain	(923)	—	—
Gain on bargain purchase, net of taxes	—	—	(1,077)
Other income, net	(136)	(8)	(148)
(Loss) income before income taxes	<u>\$ (8,470)</u>	<u>\$ 18,005</u>	<u>\$ 4,108</u>
<b>Identifiable assets</b>			
Metals Segment	\$ 112,591	\$ 145,558	
Specialty Chemicals Segment	33,391	32,504	
Corporate	3,039	9,787	
	<u>\$ 149,021</u>	<u>\$ 187,849</u>	
<b>Depreciation and amortization</b>			
Metals Segment	\$ 5,173	\$ 4,078	\$ 3,809
Specialty Chemicals Segment	1,376	974	659
Corporate	206	139	204
	<u>\$ 6,755</u>	<u>\$ 5,191</u>	<u>\$ 4,672</u>
<b>Capital expenditures</b>			
Metals Segment	\$ 7,399	\$ 3,123	\$ 4,194
Specialty Chemicals Segment	3,439	4,913	1,397
Corporate	67	30	57
	<u>\$ 10,905</u>	<u>\$ 8,066</u>	<u>\$ 5,648</u>
<b>Sales by product group</b>			
Specialty chemicals	\$ 60,552	\$ 65,201	\$ 56,517
Stainless steel pipe	77,850	101,035	106,874
Seamless carbon steel pipe and tube	18,013	2,524	—
Liquid storage tanks and separation equipment	19,045	30,745	33,360
	<u>\$ 175,460</u>	<u>\$ 199,505</u>	<u>\$ 196,751</u>
<b>Geographic sales</b>			
United States	\$ 167,185	\$ 191,032	\$ 189,447
Elsewhere	8,275	8,473	7,304
	<u>\$ 175,460</u>	<u>\$ 199,505</u>	<u>\$ 196,751</u>





**Note 16 Quarterly Results (Unaudited)**

The following is a summary of quarterly operations for 2015 and 2014 :

(Amounts in thousands except for per share data)	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
<b>2015</b>				
Net sales from continuing operations	\$ 51,648	\$ 50,163	\$ 38,083	\$ 35,566
Gross profit from continuing operations	8,942	8,416	4,537	3,424
Net income (loss) from continuing operations <sup>(1)</sup>	3,638	2,455	1,355	(17,717)
Loss from discontinued operations, net of tax	—	—	—	(1,251)
Net income (loss)	3,638	2,455	1,355	(18,968)
Per common share from continuing operations				
Basic	0.42	0.28	0.16	(2.04)
Diluted	0.42	0.28	0.16	(2.04)
Per common share from discontinued operations				
Basic	—	—	—	(0.14)
Diluted	—	—	—	(0.14)
<b>2014</b>				
Net sales from continuing operations	\$ 49,796	\$ 52,688	\$ 48,452	\$ 48,569
Gross profit from continuing operations	7,603	8,952	8,127	8,247
Net income from continuing operations	2,250	5,783	3,177	1,409
(Loss) income from discontinued operations, net of tax	(473)	(5,383)	(1,899)	598
Net income	1,776	400	1,279	2,007
Per common share from continuing operations				
Basic	0.26	0.66	0.36	0.16
Diluted	0.26	0.66	0.36	0.16
Per common share from discontinued operations				
Basic	(0.05)	(0.62)	(0.22)	0.07
Diluted	(0.05)	(0.62)	(0.22)	0.07

(1) The Company recorded a goodwill impairment charge of approximately \$17,158,000 during the fourth quarter of 2015; see Note 4.

**Note 17 Interest Rate Swaps**

As discussed in Note 5, as a result of the CRI acquisition and in conjunction with the term loan obtained in August 2013, to mitigate the variability of the interest rate risk, the Company entered into the CRI swap on August 9, 2013 with its current bank. The CRI swap had an initial notional amount of \$4,033,000 with a fixed interest rate of 4.83 percent and a term of ten years that expires on August 19, 2023. Also, as a result of the Palmer acquisition and in conjunction with the term loan obtained in August 2012 to mitigate the variability of the interest rate risk, the Company entered into the Palmer swap on August 21, 2012 with its current bank. The Palmer swap had an initial notional amount of \$22,500,000 with a fixed interest rate of 3.74 percent, and a term of ten years that expires on August 21, 2022. The notional amounts of both interest rate swaps decrease as monthly principal payments are made.

Although the swaps are expected to effectively offset variable interest in the borrowing, hedge accounting was not utilized. Therefore, their fair values are recorded in current assets or liabilities, as appropriate, with corresponding changes to their fair

values recorded to other income (expense). The Company recorded a liability of \$206,000 and \$215,000 for the fair value of the CRI swap as of December 31, 2015 and January 3, 2015 , respectively. The Company recorded a liability of \$40,000 and an asset of \$ 11,000 for the fair value of the Palmer swap at December 31, 2015 and January 3, 2015 , respectively.

## Note 18 Acquisitions

### *Acquisition of Specialty Pipe & Tube, Inc.*

On November 21, 2014 , the Company entered into a stock purchase agreement with Davidson to purchase all of the issued and outstanding stock of Specialty. Established in 1964 with distribution centers in Mineral Ridge, Ohio and Houston, Texas, Specialty is a master distributor of seamless carbon pipe and tube, with a focus on heavy wall, large diameter products. The Company viewed the Specialty acquisition as an excellent complement to the product offerings of the Metals Segment with similar end markets and consistent profit margins. Specialty's results of operations since the acquisition date are reflected in the Company's consolidated statements of operations, and the Specialty acquisition added approximately 30 employees at January 3, 2015.

The purchase price for the all-cash acquisition was approximately \$31,500,000 . Davidson had the potential to receive earn-out payments up to a total of \$5,000,000 if Specialty achieved targeted sales revenue over a two -year period following closing. At the end of each year (based on the acquisition date) for the following two year periods, if Specialty's revenues for a year were greater than \$27,000,000 , the seller of Specialty would be paid the product of the amount of revenue during the year in excess of \$27,000,000 , as a percentage of \$2,000,000 , multiplied by \$2,500,000 , not to exceed \$2,500,000 . No earn-out payment would be paid for any year where revenue was less than or equal to \$27,000,000 . If the cumulative revenue for the earn-out periods was greater than \$58,000,000 , the Company would make an additional earn-out payment so that the total cumulative earn-out payments equaled the product of the amount of cumulative revenue for all earn-out periods in excess of \$54,000,000 , as a percentage of \$4,000,000 , multiplied by \$5,000,000 , not to exceed a total cumulative earn-out payment of \$5,000,000 .

At acquisition, the Company preliminarily forecasted earn-out payments totaling \$5,000,000 , which was discounted to a present value of \$4,774,000 using its incremental borrowing rate of three percent . As discussed in Note 2, during the three months ended July 4, 2015, the Company finalized its sales projections for Specialty and determined the revenue targets for the first year would not be met and the opening balances for the earn-out liability and goodwill were adjusted by \$2,419,000 . The impact of the declines experienced in West Texas Intermediate Prices ("WTI") oil prices, which decreased 31 percent during 2015, had a substantial effect on Specialty. Revenues declined by more than 35 percent during 2015 compared to 2014 revenue levels. The Company does not expect significant improvement in WTI prices during 2016 and adjusted its 2016 projections accordingly. As a result, during the three months ended October 3, 2015, the Company determined the fair value of the Specialty earn-out liability was zero and reduced the remaining earn-out liability by recognizing a gain of approximately \$2,414,000 . The Company reviewed Specialty's revenue projections at December 31, 2015 and again concluded that the fair value was zero . The financial results for Specialty are reported as a part of the Company's Metals Segment.

The purchase price for the acquisition was funded through a combination of cash on hand, a new term loan with the Company's bank and an increase to the Company's current credit facility which is discussed in Note 5.

A summary of sources and uses of proceeds for the acquisition of Specialty was as follows:

#### Sources of funds:

Cash on hand	\$	21,490,433
Proceeds of term loan		10,000,000
Total sources of funds	\$	<u>31,490,433</u>

#### Uses of funds:

Acquisition of Specialty's common stock	\$	27,496,000
Cash paid to escrow agent for potential future claims, to be settled within 18 months		3,248,500
Cash paid for a portion of the seller's investment banker fee		745,933
Total uses of funds	\$	<u>31,490,433</u>

The total purchase price was allocated to Specialty's net tangible and identifiable assets based on their fair values as of November 21, 2014 . An intangible asset representing the fair value of Specialty's customer base acquired by the Company was valued at \$11,457,000 , which is being amortized by the straight-line method over a ten -year period. The excess of the consideration transferred over the fair value of the net tangible and identifiable assets and intangible assets is reflected as goodwill. All of the goodwill was allocated to the Metals Segment. Since the Company treated the acquisition of Specialty as an asset purchase, goodwill will be deductible for tax purposes. The initial allocation of the total consideration paid to the fair value of the assets acquired and liabilities assumed is as follows:

	As recorded by Specialty	Purchase accounting and fair value adjustments	As recorded by Synalloy
Cash	\$ 12,960	\$ —	\$ 12,960
Accounts receivable, net	2,827,251	—	2,827,251
Inventories, net	17,041,660	(1,516,888)	15,524,772
Fixed assets	3,018,416	(67,924)	2,950,492
Goodwill	—	5,993,705	5,993,705
Intangible asset - customer base	—	11,457,000	11,457,000
Earn-out liability	—	(4,773,620)	(4,773,620)
Other liabilities assumed	(2,502,127)	—	(2,502,127)
	<u>\$ 20,398,160</u>	<u>\$ 11,092,273</u>	<u>\$ 31,490,433</u>

The purchase accounting and fair value adjustments for fixed assets reduced the book value of the property and buildings to their estimated fair value as of the acquisition date. The earn-out liability is the present value of the projected earn-out payments to Davidson.

During the second quarter of 2015, the Company finalized the purchase price allocation for the Specialty acquisition. Additional information was obtained surrounding the proper lifespan of Specialty's steel pipe. As a result, the Company changed its fair value estimate for valuing inventory and the fair value of inventory increased and goodwill decreased by approximately \$2,318,000 . This adjustment and the adjustment to the earn-out liability describe above caused goodwill related to the Specialty acquisition to decrease to \$1,260,000 . During the fourth quarter, as described in Note 4, goodwill related to the Specialty acquisition was reduced to zero .

The amount of Specialty's revenues and pre-tax earnings included in the consolidated statements of operations for the year ended January 3, 2015 was \$2,524,000 for revenues and \$493,000 for pre-tax earnings. The following unaudited pro-forma information is provided to present a summary of the combined results of the Company's operations with Specialty as if the acquisition had occurred on December 30, 2012. The unaudited pro-forma financial information is for information purposes only and is not necessarily indicative of what the results would have been had the acquisition been completed on the date indicated above.

Pro-Forma (Unaudited)

	2014	2013
Pro-forma revenues from continuing operations	\$ 228,647,000	\$ 224,570,000
Pro-forma net income from continuing operations	8,928,000	6,459,000
Earnings per share from continuing operations:		
Basic	\$ 1.85	\$ 0.93
Diluted	\$ 1.85	\$ 0.93

The pro-forma calculation excludes non-recurring acquisition costs of \$302,000 which were incurred by the Company during 2014. These expenditures included \$92,000 for professional audit fees associated with the audit of Specialty's historical financial statements, acquisition testing and intangible assets identification and valuation, \$83,000 of legal fees, \$65,000 of success based fees to a mergers and acquisition consultant and \$62,000 of travel costs. Specialty's historical financial results were adjusted for both years to eliminate intangible asset amortization and management fees charged by the prior owner. Pro-forma net income was reduced for both years for the amount of amortization on Specialty's current customer list intangible and an estimated amount of interest expense associated with the five-year term loan and earn out liability.

### Acquisition of Color Resources, LLC

In August 2013, the Company completed the purchase of substantially all of the assets of CRI and the CRI Facility. CRI Tolling, a South Carolina limited liability company and wholly-owned subsidiary of the Company, continued CRI's business as a toll manufacturer that provides outside manufacturing resources to global and regional chemical companies. On August 9, 2013, Synalloy purchased the CRI Facility for a total purchase price of \$3,450,000. On August 26, 2013, the Company purchased certain assets and assumed certain operating liabilities of CRI through CRI Tolling for a total purchase price of \$1,100,000. The assets purchased from CRI included accounts receivable, inventory, certain other assets and equipment, net of assumed payables. The Company used the acquisition of CRI and the CRI Facility to expand its production capacity from MC's Cleveland, Tennessee facility to further penetrate existing markets, as well as develop new ones, including those in the energy industry. CRI Tolling operates as a division of the Company's Specialty Chemicals Segment, which includes MC. The Company viewed both the building and operating assets of CRI together as one business, capable of providing a return to ownership by expanding the segment's production capacity. Accordingly, the acquisition met the definition of a business and the transaction was structured in a way it that met the definition of a business combination in accordance with FASB ASC 805, "Business Combinations".

The purchase price for the acquisition of CRI and the CRI Facility was funded through a new term loan with the Company's bank which is discussed in Note 5, along with an increase in the Company's line of credit.

A summary of sources and uses of proceeds for the acquisition of CRI and the CRI Facility was as follows:

#### Sources of funds:

Proceeds from term loan	\$	4,033,250
Proceeds from line of credit		516,750
Total sources of funds	\$	<u>4,550,000</u>

#### Uses of funds:

Acquisition of CRI Facility	\$	3,450,000
Acquisition of certain CRI assets, net of assumed liabilities		1,100,000
Amount received by Company for pro-rated property taxes at close		(22,000)
Total uses of funds	\$	<u>4,528,000</u>

The total consideration transferred was allocated to CRI's net tangible and identifiable assets based on their fair value as of August 26, 2013. The allocation of the total consideration to the fair value of the assets acquired and liabilities assumed as of August 26, 2013 is as follows:

	As recorded by CRI	Purchased CRI Facility	Purchase accounting and fair value adjustments	As recorded by Synalloy
Accounts receivable, net	\$ 623,539	\$ —	\$ —	\$ 623,539
Inventories, net	232,771	—	—	232,771
Prepaid expenses	11,695	—	—	11,695
Building and land	—	3,450,000	650,000	4,100,000
Equipment, net	614,998	—	1,028,082	1,643,080
Accounts payable	(365,898)	—	—	(365,898)
Accrued liabilities	(17,105)	—	—	(17,105)
Deferred tax liability	—	—	(600,750)	(600,750)
	<u>\$ 1,100,000</u>	<u>\$ 3,450,000</u>	<u>\$ 1,077,332</u>	<u>\$ 5,627,332</u>

Due to severe financial difficulties CRI was experiencing prior to the acquisition, the Company was able to purchase the land, building and equipment at below market value. Therefore, the overall fair value of the assets acquired by the Company exceeded the amount paid. Upon the determination that the Company was going to recognize a gain related to the bargain purchase of CRI and the CRI Facility, the Company reassessed its assumptions and measurement of identifiable assets acquired and liabilities assumed and concluded that the preliminary valuation procedures and resulting measures were appropriate. Due to the bargain purchase accounting rules, a one-time gain, net of taxes, was recognized during the year ended December 28, 2013 as follows:

Fair value of net assets acquired	\$ 5,627,332
Total consideration paid	(4,550,000)
Bargain purchase gain, net of taxes	<u>\$ 1,077,332</u>

The amount of CRI's revenues and pre-tax earnings included in the Consolidated Statements of Operations for the year ended December 28, 2013 was \$1,824,000 for revenues and \$144,000 for pre-tax earnings. The following unaudited pro-forma information is provided to present a summary of the combined results of the Company's operations with CRI as if the acquisition had occurred on January 1, 2012. The unaudited pro-forma financial information is for informational purposes only and is not necessarily indicative of what the results would have been had the acquisition been completed on the date indicated above.

Pro-forma (Unaudited)		2013
Pro-forma revenues	\$	223,969,000
Pro-forma net income		1,230,000
Earnings per share:		
Basic	\$	0.18
Diluted	\$	0.18

The pro-forma calculation excludes non-recurring acquisition costs of \$255,000 during 2013. These expenditures included \$113,000 for professional audit fees associated with the audit of CRI's historical financial statements and the valuation of assets acquired, \$70,000 related to bank fees associated with the swap agreement, \$53,000 of legal fees and other various charges of \$19,000. These expenses were all recorded at the corporate level and are included as a separate line item in the consolidated statements of operations.

#### Note 19 Dispositions and Closures

On August 29, 2014, the Company completed the sale of all of the issued and outstanding membership interests of its wholly owned subsidiary Ram-Fab to a subsidiary of Primoris Services Corporation ("Primoris"). The transaction was valued at less than \$10 million, which consideration included cash at closing, Synalloy's ability to receive potential future earn-out payment(s) and the retention of specified Ram-Fab current assets. The future earn-out calculation was based upon the Company and Primoris sharing the profits for the sales order that was in process at the time of sale. The respective sales order was completed and shipped during 2015. Primoris realized minimal profit on this order, which resulted in the Company not receiving an earn-out payment. The Company realized a one-time charge in the third quarter of 2014 of \$1,996,000 for costs associated with the closure plus a \$947,000 charge to write-off the Company's investment in Ram-Fab. These charges, along with all non-recurring expenses associated with Ram-Fab are included in the respective consolidated financial statements as discontinued operations. Ram-Fab was reported as a part of the Metals Segment.

On June 27, 2014, the Company completed the planned closure of Bristol Fab. Bristol Fab's collective bargaining agreement with the Union expired on February 15, 2014. Also, upon closure of the operation, the Company was legally obligated to pay a withdrawal liability to the Union's pension fund of approximately \$1,900,000. This obligation is payable over 26 months ending October 1, 2016 with an interest rate of 4.51 percent. The balance as of December 31, 2015 of \$644,000 is included in accrued expenses on the accompanying consolidated balance sheet. The Company realized charges in the fourth quarter of 2015 and in the second quarter of 2014 of \$1,902,000 and \$6,988,000, respectively, for costs associated with the closure of Bristol Fab. These costs, along with all non-recurring expenses associated with Bristol Fab, are included in the respective consolidated financial statements as discontinued operations. Bristol Fab was reported as a part of the Metals Segment.

As of December 31, 2015, the Company has successfully completed the majority of the items and processes identified when the one-time closing charges were developed. A charge of \$1,251,000, net of tax, was recorded as discontinued operations during 2015 for the legal claim filed against Synalloy Fabrication as discussed in Note 13 and Note 22. The Company believes the ending reserve at December 31, 2015 is sufficient to allow the Company to complete all of the remaining closing activities.

The Company's results from discontinued operations are summarized below:

	<b>2015</b>	<b>2014</b>	<b>2013</b>
Net sales	\$ —	\$ 21,963,078	\$ 23,998,379
Loss before income taxes	\$ (1,902,058)	\$ (10,963,524)	\$ (1,949,484)
Benefit from income taxes	(651,000)	(3,807,000)	(812,000)
Net loss from discontinued operations	\$ (1,251,058)	\$ (7,156,524)	\$ (1,137,484)

#### **Note 20 Payment of Dividends**

On November 17, 2015, the Company's Board of Directors voted to pay an annual dividend of \$0.30 per share which was paid on December 8, 2015 to holders of record on November 27, 2015 for a total of \$2,618,000. In 2014, the Company paid a \$0.30 cash dividend on December 9, 2014 for a total of \$2,633,000 and in 2013, the Company paid a \$0.26 cash dividend on December 3, 2013 for a total payment of \$2,260,000. The Board presently plans to review at the end of each fiscal year the financial performance and capital needed to support future growth to determine the amount of cash dividend, if any, which is appropriate.

#### **Note 21 Business Interruption Proceeds and Gain on Casualty Loss**

On April 30, 2015, the Company's fiberglass tank fabrication facility at the Palmer complex in Andrews, Texas suffered fire damage including minor structural damage as well as damage to the electrical system and overhead cranes. The Company completed repairs to the facility and the losses were fully insured including business interruption coverage. Total business interruption insurance recoveries recognized during the year ended December 31, 2015 were approximately \$1,246,000 and is shown separately in operating income on the accompanying consolidated statements of operations. During the fourth quarter of 2015, the Company completed the insurance claim settlement for the fire and recorded a casualty insurance gain of \$923,000, representing the excess of insurance proceeds over the net book value of assets damaged in the loss, and is shown separately in other income on the accompanying consolidated statements of operations for the year ended December 31, 2015.

#### **Note 22 Subsequent Events**

On February 19, 2016, the Compensation & Long-Term Incentive Committee of the Company's Board of Directors approved stock grants under the Company's 2015 Stock Awards Plan to certain management employees of the Company where 50,062 shares with a market price of \$7.51 per share were granted under the Plan. The stock awards vest in 20 percent increments annually on a cumulative basis, beginning one year after the date of grant from shares held in treasury with the Company. In order for the awards to vest, the employee must be in the continuous employment of the Company since the date of the award. Any portion of an award that has not vested is forfeited upon termination of employment. The Company may terminate any portion of the award that has not vested upon an employee's failure to comply with all conditions of the award or the 2015 Stock Awards Plan. An employee is not entitled to any voting rights with respect to any shares not yet vested, and the shares are not transferable.

On March 11, 2016, in a suit filed by a Metals Segment customer against Synalloy Fabrication, LLC (discontinued operation), the United States District Court of Maryland (Baltimore Division) granted summary judgment regarding liability of the plaintiff by ruling that an enforceable contract existed between the parties and the Company breached the agreement. As a result of this ruling, the remaining issue in the case is the amount of the plaintiff's damages. Consequently, the Company increased the facility closing reserve for the estimated costs associated with this claim; see Note 13. The increase for the estimated claims is included in discontinued operations on the accompanying consolidated statements of operations.

## **Management's Annual Report On Internal Control Over Financial Reporting**

Management of the Company is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Securities and Exchange Act of 1934. The Company's internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with accounting principles generally accepted in the United States of America.

Because of inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies may deteriorate.

Management conducted an evaluation of the effectiveness of the Company's internal control over financial reporting as of December 31, 2015 using the criteria established by the Committee of Sponsoring Organizations of the Treadway Commission in the *Internal Control-Integrated Framework (COSO 2013)*. Based on that evaluation, management believes the Company's internal control over financial reporting was effective as of December 31, 2015.

The effectiveness of the Company's internal control over financial reporting as of December 31, 2015, has been audited by KPMG LLP, an independent registered public accounting firm, which also audited the Company's Consolidated Financial Statements for the year ended December 31, 2015. KPMG LLP's report on the Company's internal control over financial reporting is set forth below.

### **Remediation of Prior Year Material Weakness**

The material weakness that was identified and previously disclosed as of January 3, 2015 was remediated as of December 31, 2015. See "Item 9A. Controls and Procedures - Internal Control over Financial Reporting" contained in the Company's report on Form 10-K for the fiscal year ended January 3, 2015 and "Item 4. Controls and Procedures" contained in the Company's subsequent quarterly reports on Form 10-Q for 2015, for disclosure of information about the material weakness that was reported as a result of the Company's annual assessment as of January 3, 2015 and remediation of that material weakness. As disclosed in the quarterly reports on Form 10-Q for 2015, the Company has implemented and executed the Company's remediation plans, and as of December 31, 2015, such remediation plans were successfully tested and the material weakness was deemed remediated.

### **Changes in Internal Control Over Financial Reporting**

Except for the remediation of the prior year's material weakness, there was no change in the Company's internal control over financial reporting that occurred during the Company's fourth quarter that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. The Company plans to continue to improve the controls necessary to remediate the previous year's material weakness. As part of the Company's ongoing process improvement and compliance efforts, the Company performed testing procedures on the Company's internal controls deemed effective at January 3, 2015 and on the Company's internal controls implemented during 2015. The Company believes that its disclosure controls and procedures were operating effectively as of December 31, 2015.



## Report of Independent Registered Public Accounting Firm

The Board of Directors and Shareholders  
Synalloy Corporation:

We have audited the accompanying consolidated balance sheet of Synalloy Corporation and subsidiaries (the Company) as of December 31, 2015, and the related consolidated statements of operations, shareholders' equity, and cash flows for the fiscal year ended December 31, 2015. In connection with our audit of the consolidated financial statements, we also have audited financial statement schedule II, Valuation and Qualifying Accounts for the fiscal year ended December 31, 2015. These consolidated financial statements and financial statement schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and financial statement schedule based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Synalloy Corporation and subsidiaries as of December 31, 2015, and the results of their operations and their cash flows for the fiscal year ended December 31, 2015, in conformity with U.S. generally accepted accounting principles. Also in our opinion, the related financial statement schedule for the fiscal year ended December 31, 2015, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly, in all material respects, the information set forth therein.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), Synalloy Corporation's internal control over financial reporting as of December 31, 2015, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and our report dated March 30, 2016 expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

/s/ KPMG LLP

Richmond Virginia

March 30, 2016

## Report of Independent Registered Public Accounting Firm

The Board of Directors and Shareholders  
Synalloy Corporation:

We have audited Synalloy Corporation's (the Company) internal control over financial reporting as of December 31, 2015, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Annual Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the consolidated balance sheet of Synalloy Corporation and subsidiaries as of December 31, 2015, and the related consolidated statements of operations, shareholders' equity, and cash flows for the fiscal year ended December 31, 2015, and our report dated March 30, 2016, expressed an unqualified opinion on those consolidated financial statements.

/s/ KPMG LLP

Richmond, Virginia

March 30, 2016

## Report of Independent Registered Public Accounting Firm

To the Board of Directors and Shareholders  
Synalloy Corporation

We have audited the accompanying consolidated balance sheet of Synalloy Corporation and subsidiaries (the "Company") as of January 3, 2015, and the related consolidated statements of operations, shareholders' equity and cash flows for each of the years in the two-year period ended January 3, 2015. Our audits also included the financial statement schedule listed in Item 15 for each of the years in the two-year period ended January 3, 2015. These consolidated financial statements and schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements and schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of January 3, 2015, and the results of its operations and its cash flows for each of the years in the two-year period ended January 3, 2015, in conformity with accounting principles generally accepted in the United States of America. Also, in our opinion, the related financial statement schedule listed in Item 15(a)2 for each of the years in the two-year period ended January 3, 2015, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

/s/ Dixon Hughes Goodman LLP

Charlotte, North Carolina  
March 17, 2015

## **Item 9 Changes in and Disagreements with Accountants on Accounting and Financial Disclosure**

None.

## **Item 9A Controls and Procedures**

### **Disclosure Controls and Procedures**

Under the supervision and with the participation of the Company's management, including the Chief Executive Officer, Chief Financial Officer and Chief Accounting Officer, the Company conducted an evaluation of the effectiveness of the Company's disclosure controls and procedures, as such term is defined under Rule 13a-15(e) promulgated under the Securities Exchange Act of 1934 (the "Exchange Act"), as amended. Based on this evaluation, the Chief Executive Officer, Chief Financial Officer and Chief Accounting Officer concluded that the Company's disclosure controls and procedures were effective as of the end of December 31, 2015. There have been no significant changes in the Company's internal controls or in other factors that could significantly affect the internal controls subsequent to the date the Company completed the evaluation.

## **Item 9B Other Information**

Not applicable

## **PART III**

## **Item 10 Directors, Executive Officers and Corporate Governance**

The information set forth under the captions "Proposal 1 - Election of Directors," "Executive Officers," and "Section 16(a) Beneficial Ownership Reporting Compliance" in the Company's definitive proxy statement to be used in connection with its Annual Meeting of Shareholders to be held May 5, 2016 (the "Proxy Statement") is incorporated herein by reference.

**Code of Ethics.** The Company's Board of Directors has adopted a Code of Ethics that applies to the Company's Chief Executive Officer, Chief Financial Officer and corporate and divisional controllers. The Code of Ethics is available on the Company's website at [www.synalloy.com](http://www.synalloy.com). Any amendment to, or waiver from, this Code of Ethics will be posted on the Company's website.

**Audit Committee.** The Company has a separately designated standing Audit Committee of the Board of Directors established in accordance with Section 3(a)(58) (A) of the Securities Exchange Act of 1934. The members of the Audit Committee are Anthony A. Callander, Henry L. Guy, James W. Terry and Vincent W. White.

**Audit Committee Financial Expert.** The Company's Board of Directors has determined that the Company has at least one "audit committee financial expert," as that term is defined by Item 407(d)(5) of Regulation S-K promulgated by the Securities and Exchange Commission, serving on its Audit Committee. Mr. Anthony A. Callander meets the terms of the definition and is independent, as independence is defined for audit committee members in the rules of the NASDAQ Global Market. Pursuant to the terms of Item 407(d) of Regulation S-K, a person who is determined to be an "audit committee financial expert" will not be deemed an expert for any purpose as a result of being designated or identified as an "audit committee financial expert" pursuant to Item 407(d), and such designation or identification does not impose on such person any duties, obligations or liability that are greater than the duties, obligations or liability imposed on such person as a member of the Audit Committee and Board of Directors in the absence of such designation or identification. Further, the designation or identification of a person as an "audit committee financial expert" pursuant to Item 407(d) does not affect the duties, obligations or liability of any other member of the Audit Committee or Board of Directors.

## **Item 11 Executive Compensation**

The information set forth under the captions "Board of Directors and Committees - Compensation Committee Interlocks and Insider Participation," "Director Compensation," "Discussion of Executive Compensation" and "Compensation Committee Report" in the Proxy Statement is incorporated herein by reference.

## Item 12 Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information set forth under the captions "Beneficial Owners of More Than Five Percent of the Company's Common Stock" and "Security Ownership of Certain Beneficial Owners and Management" in the Proxy Statement is incorporated by reference.

Equity Compensation Plan Information. The following table sets forth aggregated information as of December 31, 2015 about all of the Company's equity compensation plans.

<b>Plan Category</b>	<b>Number of securities to be issued upon exercise of outstanding options, warrants and rights (a)</b>	<b>Weighted average exercise price of outstanding options, warrants and rights (b)</b>	<b>Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) <sup>(1)</sup> (c)</b>
Equity compensation plans approved by security holders	173,985	\$ 12.79	399,521
Equity compensation plans not approved by security holders	—	—	—
<b>Total</b>	<b>173,985</b>	<b>\$ 12.79</b>	<b>399,521</b>

(1) Represents shares remaining available for issuance under the 2015 Stock Awards Plan and the 2011 Plan.

Non-employee directors are paid an annual retainer of \$50,000, and each director has the opportunity to elect to receive 100% of the retainer in restricted stock. For 2015, non-employee directors received an aggregate of \$119,000 of the annual retainer in restricted stock. The number of restricted shares is determined by the average of the high and low sale price of the Company's stock on the day prior to the Annual Meeting of Shareholders. For 2015, four non-employee directors each received an aggregate of 8,216 shares. Issuance of the shares granted to the directors is not registered under the Securities Act of 1933 and the shares are subject to forfeiture in whole or in part upon the occurrence of certain events. The above table does not reflect these shares issued to non-employee directors.

## Item 13 Certain Relationships and Related Transactions

The information set forth under the captions "Board of Directors and Committees – Related Party Transactions" and "– Director Independence" in the Proxy Statement is incorporated therein by reference.

## Item 14 Principal Accountant Fees and Services

The information set forth under the captions "Independent Registered Public Accounting Firm - Fees Paid to Independent Registered Public Accounting Firm" and "– Audit Committee Pre-Approval of Audit and Permissible Non-Audit Services of Independent Registered Public Accounting Firm" in the Proxy Statement is incorporated herein by reference.

## PART IV

### Item 15 Exhibits and Financial Statement Schedules

(a) The following documents are filed as a part of this report:

1. Financial Statements: The following consolidated financial statements of Synalloy Corporation are included in Part II, Item 8:
    - Consolidated Balance Sheets at December 31, 2015 and January 3, 2015
    - Consolidated Statements of Operations for the years ended December 31, 2015, January 3, 2015 and December 28, 2013
    - Consolidated Statements of Shareholders' Equity for the years ended December 31, 2015, January 3, 2015 and December 28, 2013
    - Consolidated Statements of Cash Flows for the years ended December 31, 2015, January 3, 2015 and December 28, 2013Notes to Consolidated Financial Statements
  2. Financial Statements Schedules: The following consolidated financial statements schedule of Synalloy Corporation is included in Item 15:
    - Schedule II - Valuation and Qualifying Accounts for the years ended December 31, 2015, January 3, 2015 and December 28, 2013All other schedules for which provision is made in the applicable accounting regulations of the Securities and Exchange Commission are not required under the related instructions or are inapplicable, and therefore have been omitted.
  3. Listing of Exhibits:
    - See "Exhibit Index"
-

**Schedule II Valuation and Qualifying Accounts**

Column A	Column B	Column C	Column D	Column E
Description	Balance at Beginning of Period	Charged to (Reduction of) Cost and Expenses	Deductions	Balance at End of Period
<b>Year ended December 31, 2015</b>				
Deducted from asset account:				
Allowance for doubtful accounts	\$ 1,115,000	\$ 104,000	\$ (972,000) <sup>(a)</sup>	\$ 247,000
Inventory reserves	\$ 725,000	\$ 767,000	\$ (810,000)	\$ 682,000
<b>Year ended January 3, 2015</b>				
Deducted from asset account:				
Allowance for doubtful accounts	\$ 1,079,000	\$ 667,000 <sup>(b)</sup>	\$ (631,000)	\$ 1,115,000
Inventory reserves	\$ 2,206,000	\$ 3,975,000 <sup>(c)</sup>	\$ (5,456,000) <sup>(c)</sup>	\$ 725,000
<b>Year ended December 28, 2013</b>				
Deducted from asset account:				
Allowance for doubtful accounts	\$ 1,313,000	\$ (192,000)	\$ (42,000)	\$ 1,079,000
Inventory reserves	\$ 2,125,000	\$ 531,000	\$ (450,000)	\$ 2,206,000

(a) Allowance for doubtful accounts deductions for 2015 includes an \$801,000 payment to the former owners of Palmer. Per the Stock Purchase Agreement between the former owners of Palmer and the Company (the "SPA"), the former owners of Palmer reimbursed Synalloy for all uncollected accounts receivable after 120 days of Synalloy's ownership. Synalloy increased the allowance for doubtful accounts to reflect the \$801,000 payment to offset the outstanding accounts receivable at that time. Over the next two years, Synalloy collected approximately \$299,000 on these old accounts and the accounts receivable balance was reduced accordingly. The SPA did not require the reimbursement of these subsequent collections to the former owners of Palmer; however, Synalloy management, on our own recognizance during the second quarter of 2015, reimbursed the \$299,000 collected on these old accounts and eliminated the outstanding receivable and allowance for doubtful accounts balances. This transaction had no effect on earnings during any period.

(b) Allowance for doubtful accounts charged to cost and expenses for 2014 includes approximately \$76,000 for the beginning balance in the allowance for doubtful accounts for Specialty as a result of the acquisition on November 21, 2014.

(c) Inventory reserves for 2014 reflect \$3,109,000 of charged to costs and \$4,813,000 of deductions associated with the closing of Bristol Fab and the sale of Ram-Fab during 2014.

**Signatures**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**SYNALLOY CORPORATION**

By <u>/s/ Craig C. Bram</u> Craig C. Bram President and Chief Executive Officer (principal executive officer)	<u>March 30, 2016</u> Date
By <u>/s/ Dennis M. Loughran</u> Dennis M. Loughran Senior Vice President and Chief Financial Officer (principal financial officer)	<u>March 30, 2016</u> Date
By <u>/s/ Richard D. Sieradzki</u> Richard D. Sieradzki Chief Accounting Officer (principal accounting officer)	<u>March 30, 2016</u> Date

Registrant

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the date indicated.

By <u>/s/ Murray H. Wright</u> Murray H. Wright Chairman of the Board	<u>March 30, 2016</u> Date
By <u>/s/ Anthony A. Callander</u> Anthony A. Callander Director	<u>March 30, 2016</u> Date
By <u>/s/ Amy J. Michtich</u> Amy J. Michtich Director	<u>March 30, 2016</u> Date
By <u>/s/ James W. Terry, Jr.</u> James W. Terry, Jr. Director	<u>March 30, 2016</u> Date
By <u>/s/ Henry L. Guy</u> Henry L. Guy Director	<u>March 30, 2016</u> Date
By <u>/s/ Vincent W. White</u> Vincent W. White Director	<u>March 30, 2016</u> Date
By <u>/s/ Craig C. Bram</u> Craig C. Bram Chief Executive Officer and Director	<u>March 30, 2016</u> Date



**Index to Exhibits**

Exhibit No. from Item 601 of Regulation S-K	Description
1.1	Underwriting Agreement dated September 24, 2013, incorporated by reference to Registrant's Form 8-K filed September 24, 2013
3.1	Restated Certificate of Incorporation of Registrant, as amended, incorporated by reference to Registrant's Form 8-K filed August 13, 2007
3.2	Restated Certificate of Incorporation of Registrant, as amended, incorporated by reference to Registrant's Form 8-K filed May 8, 2015
3.3	Bylaws of Registrant, incorporated by reference to Registrant's Form 10-Q for the period ended March 31, 2001, as amended, which amendments are incorporated by reference to Registrant's Form 8-K filed August 13, 2007
4.1	Form of Common Stock Certificate, incorporated by reference to Registrant's Form 10-Q for the period ended March 31, 2001
10.1	Synalloy Corporation 2005 Stock Awards Plan, incorporated by reference to the Proxy Statement for the 2005 Annual Meeting of Shareholders
10.2	Synalloy Corporation 2015 Stock Awards Plan, incorporated by reference to the Proxy Statement for the 2015 Annual Meeting of Shareholders
10.3	Amendment 1 to the Synalloy Corporation 2005 Stock Awards Plan incorporated by reference to Registrant's Form 10-K for the year ended December 29, 2007
10.4	Amendment 2 to the Synalloy Corporation 2005 Stock Awards Plan, incorporated by reference to Registrant's Form 10-K for the year ended January 3, 2015
10.5	2011 Long-Term Incentive Stock Option Plan, incorporated by reference to Registrant's Proxy Statement for the 2011 Annual Meeting of Shareholders
10.6	2013 Short-Term Cash Incentive and Options Plan, incorporated by reference to Registrant's Form 10-K for the year ended December 28, 2013
10.7	2014 Short-Term Cash Incentive and Options Plan, incorporated by reference to Registrant's Form 10-K for the year ended January 3, 2015
10.8	2015 Short-Term Cash Incentive and Restricted Stock Incentive Plan
10.9	Agreement between Registrant's Bristol Metals, LLC subsidiary and the United Steelworkers of America Local 4586, dated February 1, 2015
10.10	Agreement between Registrant's Specialty Pipe & Tube, Inc. subsidiary and the United Steel, Paper and Forestry, Rubber, Manufacturing, Energy, Allied Industrial and Service Workers International Union Local 4564-07, dated July 1, 2014, incorporated by reference to Registrant's Form 10-K for the year ended January 3, 2015
10.11	Agreement between Registrant's Bristol Metals, LLC subsidiary and the Teamsters Local Union No. 549, dated March 5, 2010, incorporated by reference to Registrant's Form 10-K for the year ended January 1, 2011
10.12	Loan Agreement, dated as of June 30, 2010, between Registrant and Branch Banking and Trust ("BB&T"), incorporated by reference to Registrant's Form 10-K for the year ended January 1, 2011
10.13	First Amended and Restated Loan Agreement, dated August 21, 2012, between Registrant and BB&T, incorporated by reference to Registrant's Form 10-K for the year ended December 29, 2012
10.14	First Amendment to First Amended and Restated Loan Agreement, dated October 22, 2012, between Registrant and BB&T, incorporated by reference to Registrant's Form 10-K for the year ended December 29, 2012
10.15	Second Amendment to First Amended and Restated Loan Agreement, dated August 9, 2013, between Registrant and Branch Banking and Trust ("BB&T"), incorporated by reference to Registrant's Form 10-K for the year ended December 28, 2013.
10.16	Third Amendment to First Amended and Restated Loan Agreement, dated January 2, 2014, between Registrant and Branch Banking and Trust ("BB&T"), incorporated by reference to Registrant's Form 10-K for the year ended December 28, 2013
10.17	Fourth Amendment to First Amended and Restated Loan Agreement, dated as of November 21, 2014, between Registrant and Branch Banking and Trust ("BB&T"), incorporated by reference to Registrant's Form 8-K filed on November 25, 2014

10.18	Fifth Amendment to First Amended and Restated Loan Agreement, dated as of March 7, 2016, between Registrant and Branch Banking and Trust ("BB&T).
10.19	Employment Agreement dated January 24, 2011, between Registrant and Craig C. Bram, incorporated by reference to Registrant's Form 10-K for the year ended January 1, 2011
10.20	Amended Employment Agreement dated January 24, 2012, between Registrant and Craig C. Bram, incorporated by reference to Registrant's Form 10-K for the year ended December 31, 2011
10.21	Amended Employment Agreement dated January 24, 2013, between Registrant and Craig C. Bram, incorporated by reference to Registrant's Form 10-K for the year ended December 29, 2012
10.22	Amended Employment Agreement dated June 1, 2013, between Registrant and Craig C. Bram, incorporated by reference to Registrant's Form 8-K filed June 28, 2013
10.23	Amended Employment Agreement dated May 1, 2014, between Registrant and Craig C. Bram, incorporated by reference to Registrant's Form 10-K for the year ended January 3, 2015
10.24	Employment Agreement dated January 11, 2016, between Registrant and Dennis M. Loughran, incorporated by reference to Registrant's Form 8-K filed January 11, 2016.
10.25	Employment Agreement dated January 11, 2016, between Registrant and J. Kyle Pennington, incorporated by reference to Registrant's Form 8-K filed January 11, 2016.
10.26	Employment Agreement dated January 11, 2016, between Registrant and James G. Gibson, incorporated by reference to Registrant's Form 8-K filed January 11, 2016.
10.27	Stock Purchase Agreement, dated as of August 10, 2012, among Jimmie Dean Lee, James Varner, Steven C. O'Brate and Synalloy Corporation, incorporated by reference to Registrant's Form 8-K filed on August 24, 2012
10.28	Stock Purchase Agreement, dated as of November 21, 2014, between The Davidson Corporation and Synalloy Corporation, incorporated by reference to Registrant's Form 8-K filed on November 25, 2014
21	Subsidiaries of the Registrant
23.1	Consent of KPMG LLP, independent registered public accounting firm
23.2	Consent of Dixon Hughes Goodman LLP, independent registered public accounting firm
31.1	Rule 13a-14(a)/15d-14(a) Certifications of Chief Executive Officer
31.2	Rule 13a-14(a)/15d-14(a) Certification of the Chief Financial Officer
31.3	Rule 13a-14(a)/15d-14(a) Certification of the Principal Accounting Officer
32	Certifications Pursuant to 18 U.S.C. Section 1350
101.INS*	XBRL Instance Document
101.SCH*	XBRL Taxonomy Extension Schema
101.CAL*	XBRL Taxonomy Extension Calculation Linkbase
101.LAB*	XBRL Taxonomy Extension Label Linkbase
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase
101.DEF*	XBRL Taxonomy Extension Definition Linkbase
*	In accordance with Regulation S-T, the XBRL-related information in Exhibit 101 to this Annual Report on Form 10-K shall be deemed "furnished" and not "filed."

**SYNALLOY CORPORATION**  
**2015 Short-Term Cash Incentive and Restricted Stock Incentive Plan**

1. Purpose. This Short-Term Cash Incentive and Restricted Stock Incentive Plan (the “Incentive Plan”) is intended to provide key executive employees of Synalloy Corporation (the “Company”, which term shall include Synalloy Corporation and any of its affiliates or subsidiaries) the opportunity to participate in the Company’s profitability, future prosperity and growth. The purpose of the Incentive Plan is to provide short and long-term incentive for gain through outstanding service to the Company and its shareholders, and to assist in attracting and retaining executives of ability and initiative.
  2. Administration. The Incentive Plan shall be administered by the Company’s Compensation & Long Term Incentive Committee (the “Committee”). The same restrictions set forth in the Company’s 2015 Stock Awards Plan (the “Restricted Stock Plan”), planned to be approved by the Company’s Board of Directors and shareholders at the Company’s 2015 Annual Meeting, applicable to Committee members shall also apply under this Incentive Plan. To the extent this Incentive Plan differs from or is inconsistent with the Restricted Stock Plan, the terms and provisions of the Restricted Stock Plan shall govern. The Committee shall have complete authority and discretion to interpret all provisions of this Incentive Plan consistent with law and the Restricted Stock Plan, to prescribe the form of instruments evidencing the restricted stock that may be granted under this Incentive Plan, and pursuant to the Restricted Stock Plan, to adopt, amend, and rescind general and special rules and regulations for its administration, and to make all other determinations necessary or advisable for the administration of the Incentive Plan. No member of the Committee shall be liable for any action or determination in respect thereto, if made in good faith, and shall be entitled to indemnification by the Company with respect to all matters arising from his or her service on the Committee to the fullest extent allowable under the Company’s charter documents and applicable law.
  3. Eligibility. Any salaried employee of the Company who in the judgment of the Committee occupies a management position in which his or her efforts contribute to the profit and growth of the Company may be eligible to participate in the Incentive Plan. The named participants to this Incentive Plan shall be recommended by the division Presidents and the CEO, and approved by the Committee. The key metric used to measure management performance in a particular division or the Company as a whole, as the case may be, is “Adjusted EBITDA” defined as operating income before interest, change in fair value of interest rate swap, income taxes, depreciation and amortization, excluding inventory profits and losses, acquisition costs and costs associated with raising capital. The Adjusted EBITDA target ranges described herein and reflected on Exhibit A are derived from the Company’s annual budget approved by the Company’s Board of Directors and are exclusive of and calculated prior to allocation of the cash and restricted stock incentives payable to the executives participating in the Incentive Plan. Exhibit A to this Incentive Plan, as may be amended from time to time by the Committee, sets forth for each named participant, his or her Base Salary, the Adjusted EBITDA target applicable to the participant, the Cash Incentive and the Restricted Stock Incentive (both as a percentage of Base Salary) depending on the percentage of Adjusted EBITDA target achieved, and the weighted percentage of Adjusted EBITDA and Project Goals used to determine the final target range achieved. The Committee, upon recommendation from the Company’s CEO, shall have the discretion to determine to what extent, if any, persons employed on a part-time or consulting basis will be eligible to participate in the Incentive Plan. At the beginning of the year, the division Presidents will identify the executives whom they recommend to participate in the Incentive Plan with input from the CEO, and the CEO will recommend the executives who will participate from the Corporate division. These recommendations will be submitted to the Committee no later than two weeks prior to the February Board of Director’s meeting. The Committee will review and approve, amend or reject the recommendations of the division Presidents and the CEO. The CEO’s incentive calculation will be handled separately from the Corporate division and will be approved by the Committee.
  4. Cash Incentive.
    - A. Adjusted EBITDA Target Ranges. At the beginning of each year, the Company’s Board of Directors will approve the upcoming year’s budget that shall include the Adjusted EBITDA target for each division and for the Company as a whole. The target ranges set forth on Exhibit A are calculated as the stated percentages (>100%, 90-100%, 82-89%, 75-81% and <75%) of the Adjusted EBITDA target before incentive bonuses and restricted stock grants.
    - B. Cash Incentive Calculation. Cash Incentive will be based on a percentage of Base Salary for each Executive Level and the target range achieved by each division or the Company as a whole, as applicable (see the chart below). The applicable target ranges for each named participant are set forth on Exhibit A attached hereto. Each target range relates to a corresponding percentage of Base Salary for the named participant used to calculate the Cash Incentive. No cash incentive will be paid if Adjusted EBITDA is less than 75% of target. A bonus pool for non-executive managers will
-

be based on a percentage of Adjusted EBITDA before bonuses for each business unit as set forth in Exhibit A, and the appropriate executive in each division will be responsible for the cash allocation to the non-executive managers with input, as needed, from the CEO.

Executive Level	Above Target	90 - 100% of Target	82 - 89% of Target	75 - 81% of Target	Below 75% of Target
Level 1	100%	85%	70%	50%	0%
Level 2	85%	72%	60%	42%	0%
Level 3	72%	60%	50%	35%	0%
Level 4	60%	50%	40%	30%	0%

C. Weightings. Each executive's Cash Incentive is based on a weighted percentage of Adjusted EBITDA and Project Goals as set forth in Exhibit A. For illustration purposes only, assume the following: Adjusted EBITDA target is \$10,221,000; actual Adjusted EBITDA is \$8,500,000; Base Salary is \$210,000 (Level 2); Weightings are (a) 80% Adjusted EBITDA target and (b) 20% Project Goals; and, 75% of Project Goals achieved. This executive's Cash Incentive would be calculated as follows:

- i. Adjusted EBITDA Variable:  $\$8,500,000/\$10,221,000 = 0.83 * .80 = 0.67$ ;
- ii. Project Goals Variable:  $0.75 * .20 = 0.15$ ;
- iii. Total Incentive Percentage:  $0.67 + 0.15 = 0.82$ ;
- iv. As a Level 2 executive, this executive would receive 60% of his Base Salary as Cash Incentive, or \$126,000.

D. Inventory Profits or Losses. The Adjusted EBITDA calculations used to determine the Cash Incentive shall exclude any inventory profits or losses applicable to the BRISMET division as set forth in this section. Adjusted EBITDA calculations for the BRISMET division will be reduced on a dollar-for-dollar basis by the amount of inventory profits, if any, in that division. Likewise, Adjusted EBITDA calculations for the BRISMET division will be increased on a dollar-for-dollar basis by the amount of inventory losses, if any, in that division.

5. Restricted Stock Incentive.

A. Adjusted EBITDA Target Ranges. At the beginning of each year, the Company's Board of Directors will approve the upcoming year's budget that shall include the Adjusted EBITDA target for each division and for the Company as a whole. The target ranges set forth on Exhibit A are calculated as the stated percentages (>100%, 90-100%, 82-89%, 75-81% and <75%) of the Adjusted EBITDA target before incentive bonuses and restricted stock grants.

B. Restricted Stock Incentive Calculation. Restricted Stock Incentive will be based on a percentage of Base Salary for each Executive Level and the target range achieved by each division or the Company as a whole, as applicable (see the chart below). The applicable target ranges for each named participant are set forth on Exhibit A attached hereto. Each target range relates to a corresponding percentage of Base Salary for the named participant used to calculate the Restricted Stock Incentive. No restricted stock will be granted if Adjusted EBITDA is less than 75% of target. Non-executive managers are not eligible for restricted stock awards under this Incentive Plan.

Executive Level	Above Target	90 - 100% of Target	82 - 89% of Target	75 - 81% of Target	Below 75% of Target
Level 1	30%	25%	20%	15%	0%
Level 2	25%	20%	15%	10%	0%
Level 3	20%	15%	10%	5%	0%
Level 4	18%	13%	8%	5%	0%

C. Weightings. Each Executive's Restricted Stock Incentive is based on a weighted percentage of Adjusted EBITDA and Project Goals as set forth in Exhibit A. For illustration purposes only, assume the following: Adjusted EBITDA target

is \$10,221,000; actual Adjusted EBITDA is \$8,500,000; Base Salary is \$210,000 (Level 2); Weightings are (a) 80% Adjusted EBITDA target and (b) 20% Project Goals; and, 75% of Project Goals achieved. This executive's Restricted Stock Incentive would be calculated as follows:

- i. Adjusted EBITDA Variable:  $\$8,500,000/\$10,221,000 = 0.83 * .80 = \underline{0.67}$ ;
- ii. Project Goals Variable:  $0.75 * .20 = \underline{0.15}$ ;
- iii. Total Incentive Percentage:  $0.67 + 0.15 = \underline{0.82}$ ;
- iv. As a Level 2 executive, this executive would receive 15% of his Base Salary as Restricted Stock Incentive, or a restricted stock grant equal to \$31,500.

- D. Inventory Profits or Losses. The Adjusted EBITDA calculations used to determine the Restricted Stock Incentive shall exclude any inventory profits or losses applicable to the BRISMET division as set forth in this section. Adjusted EBITDA calculations for the BRISMET division will be reduced on a dollar-for-dollar basis by the amount of inventory profits, if any, in that division. Likewise, Adjusted EBITDA calculations for the BRISMET division will be increased on a dollar- for-dollar basis by the amount of inventory losses, if any, in that division.
6. Mid-Year Acquisition Adjustments. The Company, from time to time, may acquire another business or operating division mid-year, which acquisition will not be budgeted or accounted for in the Adjusted EBITDA targets that are established at the beginning of the fiscal year. Upon consultation with the CEO and division Presidents, the Committee shall amend the applicable Adjusted EBITDA target(s) to account for any and all mid-year acquisitions. Specifically, the Committee will update the applicable Adjusted EBITA target(s) to account for the pro-forma Adjusted EBITDA expected from each acquisition for the remainder of the current calendar year. The Company's practice is to allocate unbudgeted one-time expenses associated with a mid-year acquisition to the Corporate division only. In determining the actual year-end Adjusted EBITDA calculation for the Corporate division and the CEO, the Committee will add back the one-time costs associated with each acquisition incurred during the year in question but not previously budgeted. The amount of one-time expenses to be added back will be approved by the Committee and will include only those expenses that were incurred as a direct result of completing the acquisition. In the event these one-time expenses extend from one calendar year to the next, the accrued one-time expenses associated with the acquisition from each year will be added back to the applicable year's Adjusted EBITDA calculations for the Corporate division and the CEO.
7. General Provisions. Neither the adoption of this Incentive Plan nor its operation, nor any document describing or referring to this Incentive Plan, or any part thereof, shall confer upon any employee any right to continue in the employ of the Company or any subsidiary, or shall in any way affect the right and power of the Company to terminate the employment of any employee at any time with or without assigning a reason therefor to the same extent as the Company might have done if this Incentive Plan had not been adopted. In light of the importance of promoting long-term relationships and a long- term commitment to the ongoing success of the Company, in order to receive any cash payments or grants of restricted stock under this Incentive Plan, an employee must be employed by the Company on the last day of the applicable fiscal year; provided, however, that if termination of employment occurs as a result of death, disability (unable to work for 12 consecutive months), or retirement (with a minimum of 5 years of employment with the Company), payment of the cash bonus and/or the grant of restricted will be determined as otherwise provided in this Incentive Plan but shall be prorated to reflect that portion of the prior year in which the employee was an employee of the Company. Eligible employees must have entered into a confidentiality and non-competition agreement in a form acceptable to the CEO of the Company in order to receive any benefits under this Incentive Plan. Payments under this Incentive Plan will be made on or about March 15th of the year following the Company's fiscal year end. This Incentive Plan shall be governed by the laws of the state of South Carolina.
8. Duration and Amendment of the Incentive Plan. Unless previously terminated by the Committee, the Incentive Plan shall be effective for the fiscal year specified in the Incentive Plan. The Committee may alter, amend, or terminate this Incentive Plan, including any exhibits attached hereto, at any time.

**A G R E E M E N T**  
**between**

**BRISTOL METALS, L.L.C.**  
**and**  
**UNITED STEELWORKERS**  
**LOCAL 4586**

**February 1, 2015**

**Printed in the U.S.A.**

---

## TABLE OF CONTENTS

ABSENTEEISM	49
BEREAVEMENT LEAVE	65
CHECK OFF PROVISIONS	6
GENERAL	58
GRIEVANCE PROCEDURE	53
GROUP INSURANCE	62
HOLIDAYS	38
HOURS OF WORK	33
JURY DUTY	64
LEAVE OF ABSENCE	57
MANAGEMENT	5
NO DISCRIMINATION	12
PAC CHECK OFF PROVISION	6
PENSION AGREEMENT	63
PROFIT SHARING PLAN	19
RECOGNITION	3
SAFETY AND HEALTH	50
SENIORITY	40
SHIFT ASSIGNMENTS & SHIFT PREFERENCE	9
SHOP COMMITTEE	52
SUPERVISORY EMPLOYEES	57
TERMINATION	66
VACATIONS	23
VOCATIONAL TRAINING	63
WAGES	13

---

## **P R E A M B L E**

THIS AGREEMENT, dated February 1, 2015, is entered into between BRISTOL METALS, L.L.C., Bristol, Tennessee (hereinafter referred to as the Company), and the UNITED STEELWORKERS on behalf of Local 4586 (hereinafter referred to as the Union).

It is the intent and purpose of the parties hereto that this agreement will promote and improve industrial and economic relationships between the employees and the Company, and to set forth herein the basic agreement covering rates of pay, hours of work and conditions of employment to be observed between the parties hereto.

### **ARTICLE 1 - Recognition**

As a result of the election, supervised by the National Labor Relations Board of April 5, 1951 and May 5, 1954, and the Decision in Case No. 10-UC- 23, January 10, 1969, the Company recognizes the United Steelworkers, as the sole exclusive bargaining agency for all fabrication, production and maintenance employees at the Company's Bristol, Tennessee Plant, excluding all office, clerical, technical, professional, supervisory and custodial employees, as defined in the National Labor Relations Act .

1. The Company and the Union agree to attempt the settlement of all grievances at lowest levels possible, and the Union agrees to conserve as much of the Company's time as possible, in the disposition of complaints
2. It is understood that all provisions of this Agreement are subject to existing Federal, State and Local Laws.
3. In order to insure maximum, uninterrupted production during the term of this contract, the Company will not lock out its employees on account of labor differences and the Union on its behalf and on behalf of its agents, representatives, employees and members, individually and collectively, agrees there will be no strikes of any kind or nature, including sympathy strikes, during the term of this contract.
4. In the event of such a strike or threat thereof, the Company, while hereby preserving all the rights and remedies it may have at law or equity, will notify the Union promptly, which in turn, will exert all maximum efforts to prevent or terminate any such strike activity or conduct.
5. Any employee who engages in such prohibited conduct may be disciplined or discharged at the sole discretion of the Company, and such decision will not be reviewable under the grievance-arbitration procedures of the contract, except on the question of whether the grieving employee actually participated, actively or passively, in such conduct; or whether such employee was irrationally disciplined or discharged.

### **ARTICLE 2 - Management**

1. The Union agrees that, subject to the other provisions of this agreement, the function of Management belongs solely to the Company, and that it will not interfere with the Company's free exercise of this function.
2. The function of Management includes, among other things: The right to select and to hire new employees; the right to direct the work forces; the right to formulate reasonable plant rules; the right to discipline, suspend, discharge for cause, transfer, demote or promote, and the right to relieve employees of their duty because of lack of work, lack of skill or inefficiency, in such manner as to promote the efficient operation of the plant; and the right to assign work to employees; to decide the number and location of its plants; to determine the products to be manufactured, including the means and processes of manufacturing and to introduce new or improved production methods or facilities and except to the extent provided for in this agreement, the Company reserves and retains, solely and exclusively, all of its inherent rights to manage the business as such rights existed prior to the execution of this agreement.

### **ARTICLE 3 - Check Off Provisions**

Upon receipt of voluntary written authorization from any employee in the form to be provided by the Union, the Company will deduct from the earnings of said employee his weekly membership dues in the Union under the following procedure: The greater amount of Five Dollars or an amount equal to .6461% of the employee's total earnings in the immediately prior week not to exceed 2.8 times an employee's average hourly earnings in the immediate prior month and .02 cents per hour for all full hours included in total earnings. Such authorization may be in the following form:

---



## UNITED STEELWORKERS (USW) CHECK-OFF AUTHORIZATION

Employer \_\_\_\_\_

Date      /      / 20     

Facility \_\_\_\_\_

Pursuant to this authorization and assignment, please deduct from my pay each month, while I am in employment with the collective bargaining unit in the Employer, and irrespective of my membership status in the Union, monthly dues, assessments and (if owing by me) an initiation fee each as designated by the International Secretary/Treasurer of the Union.

This assignment and authorization shall be effective and cannot be cancelled for a period of one (1) year from the date appearing above or until the termination of the date of the current collective bargaining agreement between the Employer and the Union, whichever occurs sooner.

I hereby voluntarily authorize you to continue the above authorization and assignment in effect after the expiration of the shorter of the periods above specified, for further successive periods of one (1) year from such date. I agree that this authorization and assignment shall become effective and cannot be cancelled by me during any of such years, but that I may cancel and revoke by giving to the appropriate management representative of the facility in which I am then employed, an individual written notice signed by me and which shall be postmarked or received by the Employer within fifteen (15) days following the expiration of any such year or within the fifteen (15) days following the termination date of any collective bargaining agreement between the Employer and the Union covering my employment if such date shall occur within one of such annual periods. Such notice of revocation shall become effective respecting the dues for the month following the month in which such written notice is given; a copy of any such notice will be given by me to the Financial Secretary of the Local Union.

While contributions or gifts to the USW are not tax deductible as charitable contributions for Federal income tax purposes, they may be tax deductible under other provisions of the Internal Revenue Code.

(USW) Local Union No. \_\_\_\_\_ Signature \_\_\_\_\_

Witness \_\_\_\_\_ Check No. \_\_\_\_\_

Form 530P

(ORIGINAL FOR EMPLOYER)



Pursuant to this authorization and assignment, please deduct from my pay each month, while I am in employment within the collective bargaining unit in the Company, monthly dues, assessments and (if owing by me) an initiation fee each as designated by the Treasurer of the International Union, as my membership dues in said Union.

The afore said membership dues shall be remitted promptly by you to the International Treasurer of the United Steelworkers, or its lawful successor at the address which he authorizes, in writing, for that purpose.

The assignment and authorization shall be effective and cannot be canceled for a period of one year from the date appearing above or until the termination date of the current collective bargaining agreement between the Company and the Union, whichever occurs sooner.

I hereby voluntarily authorize you to continue the above authorization and assignment in effect after the expiration of the shorter of the periods above specified, for further successive periods of one (1) year from such date. I agree that this authorization and assignment shall become effective and cannot be canceled by me during any such years, but that I may cancel and revoke by giving to the Local Union President and appropriate management representative of the plant in which I am then employed, an individual written notice signed by me and which shall be postmarked or received by the Union and the Company within fifteen days following the expiration of any such year or within the fifteen days following the termination date of any collective bargaining agreement between the Company and the Union covering my employment if such date shall occur within one of such annual periods. Such notice of revocation shall become effective respecting the dues for the month following the month in which such written notice is given; a copy of any such notice will be given by me to the Financial Secretary of the Local Union.

Local Union No. \_\_\_\_\_

United Steelworkers Signature \_\_\_\_\_

Witness \_\_\_\_\_

Check No. \_\_\_\_\_

Ledger No. \_\_\_\_\_

The Union shall indemnify and save the Company harmless against any and all claims, demands, suits or other form of liabilities that rise out of or by reason of action taken by the Company in reliance on the aforementioned written assignment or for the purpose of complying with any of the provisions of this section.

The Union shall submit to the Company at its request a list of its members; such list shall not be required more often than three month intervals. The Company will furnish a designated officer or individual of the Local Union each month as expeditiously as reasonably practicable, two (2) copies of the names of the employees from whose earnings such deductions have been made, along with the amounts of money so deducted.

#### **ARTICLE 4 - PAC Check-off Authorization**

The Company agrees that it will check-off and transmit to the Treasurer of the United Steelworkers Political Action Committee (USW PAC) voluntary contributions to the USW Political Action Fund from the earnings of those employees who voluntarily authorize such contributions on forms provided for that purpose by the USW PAC. The amount and timing of such check-off deductions and the transmittal of such voluntary contributions shall be as specified in such forms and in conformance with any applicable state or federal statute.

The signing of such USW PAC check-off form and the making of such voluntary annual contributions are not conditions of membership in the Union or of employment with the Company.

The Union shall indemnify and save the Company harmless against any and all claims, demands, suits or other forms of liability that shall arise out of or by reason of action taken or not taken by the Company for the purpose complying with any of the provisions of this Section.

The United Steelworkers Political Action Committee supports various candidates for federal and other elective office, is connected with the United Steelworkers, a labor organization, and solicits and accepts only voluntary contributions, which are deposited in an account separate and segregated from the dues fund of the Union, in its own fund raising efforts and in joint fund raising efforts with the AFL- CIO and its Committee on Political Education.

In cases where a deduction is made which duplicates a payment already made to the union by an employee, or where a deduction is not in conformity with the provisions of the Union Constitution and Bylaws or the National Labor Relations Act, refunds to the employee will be made by the local Union.

#### **ARTICLE 5 - No Discrimination**

It is agreed that there shall be no discrimination as provided in applicable State and Federal Statutes, against any employee by the Union or the Company because of race, color, religion, national origin, sex, age, or memberships or non-membership in a labor organization.

The parties recognize that the individuals covered by this Agreement are likewise covered by the Family and Medical Leave Act of 1993, and that the Company will abide the Act which provides for up to twelve (12) weeks of unpaid leave per year for employees in appropriate circumstances.

#### **ARTICLE 6 - Wages**

The various jobs within the following classifications shall be:

<b>JOB CLASSIFICATION</b>	<b>JOBS IN CLASSIFICATION</b>
1	General Helper Fit-Up Helper Press Operator Helper 7-1/2 Ton Overhead Crane 10 Ton Overhead Crane All other small machine operators
2	Yard Tractor Driver Fork Lift Operator Maintenance Apprentice Crane Hookup Tack & Spot Welding Pickle Tank Washer

---

Doall Saw Operator  
Storekeeper  
Shipping & Receiving  
Warehouse Operator Helper  
Sand Belt Operator

3

Power Press Brake Helper  
Power Shear Helper  
Inspector  
500 Ton Forming Press Operator  
Ajax Furnace  
Gas Furnace Operator  
Car Furnace Operator  
Pipe Sizing  
Pipe Sizing Press Operator  
Pipe Plasma Burner  
Plate Plasma Burner  
Template Operator  
Rotary Straightener  
Neutralizing Operator  
Raw Material Receiver  
PM Helper  
Planisher (165 mill)  
Machine Beveler  
Pickle Tank Operator  
Pipe Marker Operator  
Warehouse Operator  
Hydro Tester Operator

4

Power Press Brake Operator  
Power Shear Operator  
Power Roll, Tank Head, and Angel Roll  
Operator  
Mobile Crane Operator  
Batch and Boom Welder  
X-Ray Tech  
Neutralizing Technician  
Material Receiving Technician  
Shipping Tech

5

Continuous Auto Mills  
Roll Room Technician

6

Boring Mill Operator  
Fit-Up  
QC Senior Lab Tech  
Hand Welder

---

Level 3 Radiographer  
(X-Ray)  
PM Technician

7

Maintenance Mechanic  
Maintenance Electrician  
Special Projects Mechanic

### **RATES**

Rates of pay for the foregoing classifications are set forth in Appendix "A". Rates shown in the various Columns of Appendix "A" shall become effective as follows: Column 1, February 1, 2015; Column 2, February 7, 2016; Column 3, February 5, 2017; Column 4, February 4, 2018; Column 5; February 3, 2019.

All job classifications deleted will be restored to the classification where located at the time of deletion, if the Company brings the job back. Employees in Classifications 2 and 4 can bid on job vacancies in Classifications 2+ and 4+. Cross bids are permitted for + classifications, bids and test bids. Classification 6 and 7 are excluded from this provision.

### **RATES FOR NEW JOBS & CHANGED JOBS**

When the Company establishes a new job in the bargaining unit, it shall temporarily place it in a classification in line with the wage scale of similar work in jobs covered by this Agreement.

After a reasonable period of time allowed for perfecting the procedures and the machine or equipment involved, and when the job becomes fully operational, that is, is functioning normally in the production process, the Company will provisionally place it in a classification in line with the wage rate for similar work in jobs covered by this Agreement.

If no one in the classification is available to fill the job, it shall be posted for bids in the normal manner.

The provisional classification for such a job will remain in effect for sixty days from the time the provisional classification is made. If, after the sixty day period, the Company deems the classification to be proper and accurate and the Company notifies the Union in writing, and no grievance is filed by the Union within five calendar days after the end of the sixty day period, the provisional classification will be considered the permanent classification for the job.

If during the term of this Agreement a significant and substantial change in job content in a job has been effected by the Company to the extent that the wage rate has become inappropriate as compared to the wage rate for similar jobs covered by this Agreement, and the Company fails to reclassify the job, the Union may request the Company to review the circumstances in conference with the Union.

Retroactive pay will be paid, including agreed to amounts, where jointly decided between the Company and Union. The Union has the right to grieve and arbitrate per the CBA.

### **ARTICLE 7 - Shift Assignments & Shift Preference**

The Company will staff all shifts on the basis of the employee's preference of shifts, taking into account his classification, skills and experience and plant seniority as vacancies occur. However, the junior qualified employee may be assigned to a particular shift when in the judgment of the Company, his skills and experience are needed to provide a balance of skills and experience between the shifts, and such will promote the efficient operation of the plant.

When such an assignment takes place, however, and the employee who was assigned possesses sufficient plant seniority to work on a different shift of his preference, after a period of thirty days on such assignment he may apply for a shift of his preference within his department based on his plant seniority, classification, skill and experience, provided that such application may be made by the employee only once in any six (6) calendar month period and provided that an employee with the necessary skill and experience, who possesses less plant seniority, is available to replace him. Under such circumstances, the Company will train a junior employee. Subject to the foregoing conditions but in addition to the above applications, application for shift preference may be made throughout the plant once each year during a period of two consecutive calendar weeks to be designated by the Company.

The parties hereto agree it is not the intention of the parties to abuse the assignment of employees between shifts, and that the company agrees to confer with the Union upon request concerning alleged abuse. The Company will make a reasonable effort to train employees who wish to exercise shift preference. A premium rate of \$.30 per hour will be paid for workers assigned to second shift. A premium rate of \$.35 per hour will be paid for workers assigned to third shift.

---

## ARTICLE 8 - Profit Sharing Plan

### Reason for the Profit Sharing Plan

The manufacture and sale of stainless steel pipe and fittings is a highly competitive business with many domestic as well as foreign producers. Because worldwide productive capacity is much greater than demand, prices for these products will continue to be under pressure. Under these conditions, the only way we can produce profits is by working together to control costs and operate efficiently. It is hoped that this profit sharing plan ("plan"), which is effective only during the term of this agreement, will:

1. Motivate every employee eligible under the plan to improve his or her performance and help in every way they can to produce profits.
2. Reward employees for their efforts by paying them a share of Brismet profits as additional remuneration over and above their wages and salaries.

### Who Participates

Every production, maintenance and supervisory employee who is assigned to pipe and fittings manufacturing (Departments 75 and 72), hereinafter called Brismet, and who:

1. Is a full-time employee that has completed 90 days of full-time employment
2. Is employed at the end of any quarter for which a distribution is paid
3. Is employed by the Company or on layoff at the time any distribution is paid for the first, second, third and fourth quarter unless termination was due to retirement or disability for which the employee received benefits under the Company's corresponding benefit plan; and
4. Is employed by the Company at the end of the fiscal year in question unless termination was due to retirement or disability for which the employee received benefits under the Company's corresponding benefit plan

### Source of Pool

Six percent (6%) of Brismet's operating earnings before income taxes as reflected in the corporate accounting records and financial statements will form a pool to be distributed to eligible employees. Such earnings are to be the sole source of contributions to the pool. Revenues and expenses will be allocated to Brismet using accounting methods which the Company believes, at its sole discretion, most accurately reflect Brismet's profits.

### Allocation of Pool to Employees

The pool will be divided so that every eligible employee gets the same percent of his or her straight- time pay (excluding all overtime) that all other eligible employees receive. Only wages earned after 90 days of full-time employment will be included for purposes of calculating the distribution made to an employee.

### When Distribution Will Be Paid

Profits for each fiscal year and any related distribution will not be finally determined until completion of the annual audit by the Company's outside certified public accountants. However, in order to give employees the opportunity to receive their distributions sooner, any distributions will be made according to the following schedule:

1. Approximately 45 days after the end of the Company's fiscal first, second and third quarters for each fiscal year, the Company will pay 75% of any estimated distributions for each quarter based on Brismet's cumulative earnings.
2. Approximately 75 days after the Company's fiscal year-end, but in no event sooner than the completion of the Company's audit, distributions will be made for the year less any previous quarterly payments. Should the actual distributions for the year be less than the previous payments, employees will not be asked to return the overpayment.

### Qualifying as a Bona Fide Profit Sharing Plan

It is agreed that the inclusion of this plan in the collective bargaining agreement and its implementation is conditioned upon the plan being qualified as a bona fide "profit sharing plan" under 29 C.F.R. Part 549.

---

**ARTICLE 9 - Vacations/Paid Time Off**

All eligible employees on the payroll of the Company on June 1st of a Vacation Year who have been in the Company's employ for twelve (12) consecutive months or more on June 1st of the Vacation Year shall be entitled to a vacation with pay in accordance with the following:

<b>Accumulated Seniority</b>	<b>Days of Vacation</b>
Less than a year	Partial
1 year but less than 3 years	1 week (40 hours)
3 years but less than 10 years	2 weeks (80 hours)
10 years but less than 20 years	3 weeks (120 hours)
20 years or more	4 weeks (160 hours)

Employees continuously on the payroll on June 1 with less than 1 year of seniority and who have satisfactorily completed the 90 day probationary period shall receive partial vacation pay equal to one-twelfth (1/12) of forty hours pay at his regular rate for each full month of uninterrupted service prior to the initial June 1 eligibility date or receive the equivalent vacation time off. This partial vacation will be paid on the first pay day after the initial eligibility date.

Employees who have not completed the 90-day probationary period prior to the initial June 1 eligibility date must satisfactorily complete the probationary period prior to receiving any partial vacation pay. Upon successful completion of the probationary period, such employees shall receive partial vacation pay equal to one-twelfth (1/12) of forty hours pay at his regular rate for each full month of uninterrupted service prior to the initial eligibility date. This partial vacation pay will be paid on the first day after the employee has satisfactorily completed the probationary period. Each of the forgoing elections is conditioned upon the employee being otherwise eligible for the vacation benefits described herein. Thereafter, the normal eligibility rules will apply.

Where an employee otherwise would be eligible for an additional week (40 hours) of vacation benefit under the above schedule for the June 1 eligibility date, such employee shall receive vacation with pay for the amount of vacation benefit for which he is eligible plus partial vacation pay equal to one-twelfth (1/12th) of forty (40) hours pay at his regular hourly rate for each full month of uninterrupted service between the employee's anniversary date of hire and June 1 of the current year or receive the equivalent vacation benefit time off.

The above vacation table was changed during December 9, 2004 contract negotiations. The change to the vacation benefit is not retroactive and shall be implemented beginning June 1, 2005.

All vacations will be allowed and must be taken during the twelve (12) months or vacation year after an employee becomes eligible. EXAMPLE: An employee who is eligible for one (1) week on June 1, 2010, will be given and must take his weeks' vacation prior to June 1, 2011.

Vacations are not cumulative. Vacation period may be designated by the Company to meet the operating needs of the Plant and may be designated during a one or two week period in which the plant may be closed for vacation. Notice to this effect shall be posted each year during the last seven days of March. Provided, the Company agrees not to close the plant for vacation period during a week in which July 4 is observed as a holiday under the terms of this Agreement.

In the event a decision is made not to close down the plant for vacation, employees will be granted vacations on the basis of seniority as far as possible, subject to the efficient operating requirements of the plant. Employees with more than two weeks' vacation will have priority over junior employees for two weeks' vacation period.

All requests for choice of vacation period shall be made by employees, in writing, and to which they shall be bound, between the 15th and 20th day of April, and the Company, after consultation with the Union, will announce by May 1, whether the request will be honored or not. Employees will be reminded of this requirement during the last seven days of March.

An employee may elect to waive his vacation time off and receive vacation pay in lieu thereof, by requesting such between the 15th and 20th day of April. Under such circumstances, vacation pay will be paid at the end of the first full week in June.

Upon retirement, a retiring employee shall be entitled to receive a pro-rated portion of his or her vacation allotment for the coming year, based upon the observed vacation year (June 1 to May 31). The amount of such payment shall be computed by determining the amount of vacation time that the employee would have received had he remained on the payroll until June 1 and pro-rating such amount based upon the number of months of active employment on the employee's part between June 1 in one calendar year and May 31 of the next calendar year. Such amount shall be paid after the next vacation year commences on June 1. EXAMPLE: Employee A retires December 1, 2009. Had he remained on the payroll until June 1, 2010, he would have received four weeks of vacation which he could have taken between June 1, 2010 and May 31, 2011. Upon retirement on June 1, 2010, he would receive payment for two weeks of vacation computed as follows: 6 months of active employment (June 1,



2009 - December 1, 2009) divided by 12 potential months of employment (June 1, 2009 - May 31, 2010) =  $\frac{1}{2}$ ;  $\frac{1}{2} \times 4$  weeks' vacation = 2 weeks' vacation.

### ELIGIBILITY

An employee must have been employed twelve (12) consecutive months and worked a minimum of 1,200 hours during those twelve (12) months prior to June 1st in order to be eligible for a vacation 1 week (40 hours).

An employee must have been employed thirty- six (36) consecutive months and worked a minimum of 1,200 hours during the twelve (12) month period prior to June 1st in order to be eligible for a vacation of two (2) weeks (40 hours/week). This may consist of two separate periods one (1) week (40 hours) as designated by the Company.

An employee must have been employed one hundred twenty (120) consecutive months and worked a minimum of 1,200 hours during the twelve (12) month period prior to June 1st in order to be eligible for a vacation of three (3) weeks (40 hours/week). This may consist of three separate periods one (1) week (40 hours) as designated by the Company.

An employee must have been employed two hundred forty (240) consecutive months and worked a minimum of 1,200 hours during the twelve (12) month period prior to June 1st in order to be eligible for a vacation of four (4) weeks (40 hours/week). This may consist of four separate periods one (1) week (40 hours) as designated by the Company.

For the purpose of determining whether 1,200 or more hours have been worked, time lost due to an injury arising out of Company employment, jury duty or due to absence from work while on vacation under the agreement, shall be added to the actual hours the employee worked, at the rate of eight (8) , ten (10) or twelve (12) hours per day but not less than forty (40) or more than forty-eight (48) hours per week (if his job has operated at 48 hours per week during his absence.)

An employee who is laid off, quits or is discharged, and who meets the eligibility requirements for vacation and has not had a vacation after becoming eligible therefore shall receive his vacation pay at the time of such layoff, quit or discharge.

Time lost by an employee for a period of at least an entire payroll week, due to a bona fide sickness supported by a physician's certificate or other unusual hardship, acceptable to the Company, may be applied to any vacation time to which such employee is entitled if the employee so requests.

Employees will receive pay for holidays as defined in this agreement occurring during vacation period, unless an election has been made under the paragraph following immediately.

Holidays, legal or otherwise, which may occur during the time an employee is on vacation shall not extend the employee's vacation period. Provided, however, that any employee who elects to receive time off for a holiday, as defined in this Agreement, which occurs during his vacation period, may at the time of this election prior to his/her vacation designate another day, more than thirty (30) days after his vacation period, and be entitled to time off on that day, having already received holiday pay. Provided, further, that no more than five (5) percent of the employees shall be permitted to elect any one alternate day, and that no premium shall attach, in any manner, to such holiday. The vacation pay for a vacation of one or more weeks shall be forty (40) hours pay per week at the employee's regular hourly rate.

The vacation pay will be paid on the regular payday for the period of the employee's vacation. However, an employee may receive vacation pay (40 hours) before he leaves for vacation time off provided such request is made in writing to the Company at least fourteen (14) days prior to the date his vacation is scheduled to start.

For the employee who requests that vacation be applied because of time lost due to bona fide sickness as described above, the vacation shall be paid on the first regular payday occurring not less than ten (10) days following the date this employee makes such request.

In the event of death of an employee after becoming eligible for a vacation but before taking a vacation, the amount of vacation pay to which he would have been entitled shall be paid to his proper legal representative.

Employees can reserve vacation time to be used one day at a time. Employees with a total of four (4) weeks of vacation time can reserve two (2) weeks (80 hours) of vacation and employees with less than four (4) weeks of vacation time can reserve one (1) week (40 hours) of vacation. These days of vacation have to be taken in whole days depending on the employee's regular work schedule. For example: If an employee's regular work schedule is for an eight (8) hour work day, then his day at a time vacation will be eight (8) hours. If an employee's regular work schedule is for ten (10) hour work day, then his day at a time vacation will be ten (10) hours. Days at a time vacation are not subject to being paid prior to the employee taking the vacation time off. Employees requesting a day at a time vacation have to schedule the vacation day prior to the day requested. Two weeks' notice is preferred.

Employees who have completed the 90 day probationary period are eligible for personal days. One personal day is allowed every six (6) months. The six (6) month periods are June 1st - November 30th and December 1st - May 31st. Personal days cannot be carried over into the next six (6) month period. Un-used personal days will be paid at the end of each six (6) month period at the employee's regular hourly rate. Personal days are intended to help employees with scheduled activities such as doctor and dentist appointments, school activities, etc. Prior notice of absence is expected when possible. The employee will receive time off depending on his regular work day schedule. For example: If the employee's regular work day is (8) hours the

---

employee will receive eight (8) hours pay. If the employee's regular work day is ten (10) hours the employee will receive ten (10) hours pay. Personal Days do not count as hours worked, therefore personal days do not count toward the 40 hours required before overtime starts to accumulate.

#### **ARTICLE 10 - Hours of Work**

1. Eight (8), ten (10), or twelve (12) consecutive hours (exclusive of lunch period) shall constitute a standard day's work and forty (40) hours shall constitute a standard week's work. The Company shall determine the starting and quitting time and the number of hours to be worked. However, before the starting time is changed from 7:00 a.m., the Company will confer with the Union. Eight (8), ten (10), twelve (12) consecutive hours plus lunch periods, within any period of twenty-four (24) hours, shall constitute a shift.

2. All time worked over forty (40) hours in any one week, shall be paid for at the rate of time and one-half.

3. The opportunity for overtime work assignments shall be based on seniority among qualified employees in the classification in which overtime work is being performed.

An employee absent from work for any reason on the day that daily overtime is assigned will be deemed to have had an opportunity to perform overtime work.

Equalization of overtime work shall be based on a calendar month-to-month cycle. Any employee believing he has been unreasonably denied an equal opportunity for overtime work during any calendar month may raise the question under Article 16. The "date of origin" under Paragraph 1 (a) of that Article shall be the last day of the calendar month in which the alleged unequal treatment took place.

If it is decided that the employee's allegation has merit, the employee will be placed in a preferential position to perform overtime turns sufficient to remedy the unequal treatment.

When notice is given concerning casual overtime worked two (2) hours before the end of an employee's shift, on any day the Company may require employees to perform overtime work to the extent of securing the number of employees for which overtime work is assigned, based on the inverse order of seniority among qualified employees plant wide in the classification in which overtime work is being performed. For weekend overtime the Company will give a one and one-half (1½) days' notice for 1st shift employees and give a two (2) days' notice for 2nd and 3rd shift employees. For example: Weekend overtime work for 8 hour shifts (Monday through Friday) will require a notification by the end of 1st shift on Thursday for 1st and 2nd shift and on Wednesday for 3rd shift. Overtime work for 10 hour shifts (Monday through Thursday) will require a notification by lunch break of 1st shift on Wednesday for 1st and 2nd shifts. If the Company does not notify the affected employee as required above, the affected employee will be considered not scheduled to work weekend overtime. Weekend overtime greater than six hours will include paid lunch.

However, first choice for casual overtime work shall be given to the employee or employees actually performing the work on the day on which the overtime is necessary.

Employees refusing under such circumstances to perform overtime work will be subject to discharge.

Casual overtime, or daily overtime, is that work outside regular working hours, which occurs from time to time, and which is not pre-scheduled.

Scheduled overtime is that work which is pre-scheduled no later than the previous day, generally by department or larger entities, and becomes a part of the scheduled workday.

4. Employees who have not been notified at quitting time and are called in for work after completion of their regular scheduled workday shall receive a minimum of four (4) hours' pay at his regular hourly rate.

5. When it becomes necessary, the Company will make every effort to notify the employees of reduced working schedules by posted or individual notices on or before the close of the previous day's shift. Should the Company not so notify and an employee reports for work the next morning, he shall be allowed to work at least four (4) hours at his regular hourly rate or be paid for four (4) hours if work is not available which he can do. Employees who were not at work the preceding day may not claim this benefit. In cases of emergency beyond the control of the employer, or absence of an employee at time of notice, it may not be possible to give advance notice of lack of work. In such cases, there will be no "call-in" pay for employees reporting to work.

6. All payroll will be made via direct deposit. Direct deposits of employee's pay shall be weekly and paid every Friday. Direct deposits will be computed Monday through Sunday inclusive of hours worked of the preceding week.

7. Double time will be paid for hours worked on Sunday, except for hours worked on Sunday by an employee whose regular shift begins on Saturday and ends on Sunday or begins on Sunday and ends on Monday. There will be no duplication of pay under this provision and any other provision.

---



## **REST PERIODS**

Employees shall be granted two (2) rest periods per day not to exceed ten (10) minutes each, one during the earlier part of the shift and one during the later part of the shift. The times at which such rest periods are taken are to be determined by the employee's foreman or other designated Management representatives. The employees working on the continuous tube mills are required to work during the foregoing rest periods and will receive additional pay for such periods equal to their regular straight time rate of pay.

## **ARTICLE 11 - Holidays**

1. The following days shall be recognized as holidays for the purpose of this Agreement: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, Christmas Day.

When any of these holidays fall on a Saturday or Sunday, Friday or the following Monday will be recognized as a holiday.

2. Employees shall be paid for the holidays provided they meet all of the following eligibility requirements:
  - a. If the holiday falls on a day on which the employee would normally have been scheduled to work had a holiday not occurred, the Company shall not disqualify such employee by changing such normal schedules for the purpose of avoiding payment for the holiday.
  - b. Except during his authorized vacation period, the employee's working at least eight hours during the week in which the holiday occurs.
  - c. An employee who is scheduled and agrees to work on a holiday and is absent for any reason except sickness, death in the family, or some similar extraordinary circumstance is not eligible for holiday pay.
  - d. The holiday pay shall be at the employee's regular hourly rate for eight (8) hours.
  - e. It is the policy of the Company to avoid working on holidays covered by this contract. No work will be performed on these holidays unless absolutely necessary to meet customer delivery requirements. Two and one-half times will be paid for hours worked on these holidays. It is understood that this two and one-half times includes the regular holiday pay to which an employee would be entitled had he not worked and that there will be no duplication of pay under this provision and any other provision.

## **ARTICLE 12 - Seniority**

1. For purposes of this Agreement, plant-wide seniority shall prevail for transfers, recalls, layoff, promotions, demotions, and shift preference as vacancies occur subject to giving consideration to the qualifications, which shall include experience, ability, physical fitness, and efficiency required by the job. A seniority list of all employees shall be supplied by the Company to the Union each three (3) months, which, if not questioned by the Union within seven (7) calendar days after receipt, shall be conclusive for the purposes of this Agreement. A seniority list and classifications will be posted on the first day of each month.

2. An employee shall lose his seniority under the following conditions:
  - a. If he resigns or voluntarily quits;
  - b. If he is terminated for just cause;
  - c. If he has less than two (2) years seniority at the time of layoff and remains in layoff status for more than one (1) year;
  - d. If he has two (2) or more years of seniority at the time of the layoff and remains in layoff status for more than three (3) years.
  - e. If he fails to return to work upon the expiration of an approved leave of absence or his vacation;
  - f. If he fails to return to work at the appropriate time upon being recalled from layoff;
  - g. If he has not been actively employed due to disability twenty-four (24) consecutive months.

3. All newly hired employees shall be considered to be on probation for a period of ninety (90) working days. The duration of the probationary period may be extended by mutual agreement of the Company and the Union. At the end of the probationary period, the employee's seniority should be measured from his or her most recent hire date. Probationary employees may be discharged without recourse to the Grievance and Arbitration procedures. During the probationary period, the employee shall not be eligible to participate in employee benefit programs or to receive pay for any time not actually worked, such as vacation or holiday, as may be available to employees who have completed their probationary period.

## **LAYOFFS**

1. When a reduction of forces is necessary, the Company will post the names of the employees to be laid off two (2) days,
-

excluding Saturdays, Sundays, or holidays, prior to such reduction, unless cancellations of orders, changes in customer's requirements, breakdown, accidents or other emergency makes such notice impossible. A copy of the posted list of employees to be laid off will be given to the local Union at the time of posting. Any questions of grievance arising from such reduction of forces must, if possible, be presented within the two (2) day period of such notice.

2. During periods of layoff or cutback the Company will adjust the active work force by transferring employees, on the basis of seniority, to other classifications where needed, and for which they are qualified to immediately perform the full requirements of the job available; provided however that for available jobs in Classification 1 the employees affected need only have minimum qualifications which are defined as not requiring direct supervision, and requiring no more than familiarity instruction. In either case, qualifications will be determined on the basis of the affected employee having previously bid on the classification and performed the available job; temporary transfers thereto; previous experience; individual knowledge, physical abilities; and skills.

Applying the foregoing provisions, such transfers shall be made within the department in which the layoff or cutback has occurred. Only in the event such transfers cannot be effected within the department are such transfers to take place outside the department, pursuant to the foregoing provisions. In the event an employee otherwise would transfer to a classification within his department which is more than three (3) job classifications below his present classification, such employee may elect to be transferred outside the department pursuant to the foregoing provisions, Classifications and incumbents of classifications within a particular department are determined solely by the Company on the basis of the type of product normally worked upon by the employees in their respective classification. If a job is eliminated, the employee shall be trained in that classification and not removed from that classification. Departments are to be pipe manufacturing and maintenance.

### **RECALL**

When the work force is to be increased, qualified employees in a classification on layoff will be recalled before additional hiring is accomplished for that classification.

In recalling employees, the Company will notify employees to be recalled by telephone, if feasible, of the date on which they are expected to return to work. If personal contact is not made by telephone, the Company will notify employees to be recalled by Certified Mail, Return Receipt Requested, mailed to the last address given by the employee to the Company.

It will be the responsibility of the employee to notify the Company by telephone, if feasible, of his intention to return to work on the designated date before 4:00 p.m. of the second day following delivery of the Company's certified letter.

If contact by telephone is not feasible, the employee shall notify the Company of his intention to return to work on the designated date by notifying the Company by Certified Mail, Return Receipt Requested, which shall be mailed prior to the end of the second day following the delivery of the Company's certified letter.

In the interim period, or in the event of an emergency, the Company may recall any employee for a period not to exceed three (3) days, provided efforts for the emergency recalls are made by seniority.

When recall is complete, it is the sense of the parties that employees will be returned to the classifications they held prior to layoff, if sufficient work in their classification is available.

### **JOB VACANCIES AND PROMOTIONS**

New jobs, classifications or vacancies, which are not filled by stand-by employees, other than additional general helpers and laborers will be posted (two copies) on the Bulletin Board for a period of three (3) workdays.

Applications for such opportunities shall be made on both copies (one for the Company, one for the Union) during this three day period, and may be withdrawn only prior to the time the award is made. If the job is not a full-time job, it shall be posted in the same manner and called a stand-by job, and when the job becomes a full-time job, the employee who successfully bids the stand-by job for that operation shall automatically become the full-time operator. Standby operators shall be paid the same and considered on the same basis as full-time operators while they are performing the duties of the full-time operators. A stand-by operator shall be considered a full-time operator when the job becomes a full-time job or when he works over fifty percent (50%) of his time on the job for any six (6) month period.

An employee will be given a reasonable trial period on a new job or in a new classification. If retained therein at the end of thirty days (sixty days for welding operators), it will be presumed the employee is qualified. If deemed unsatisfactory prior thereto, he will be returned to the job he held prior to the bid. Other employees affected by a move of this type will likewise be returned to their previous job.

An employee may bid downward to a lower paying job, when bidding on a new job, classification or vacancy, for health reasons only. In such downward bid, he must be presently fully qualified to perform the work without additional training. If successful in such bid, the employee will not be permitted to bid in either direction on any job a full 12 calendar month period from the time he began work on the lower paying job.

---

An employee who has been cut back from an earlier classification during a cutback or layoff period may elect to remain in the classification to which he was cut back with withdrawal. Withdrawals are permitted in only two circumstances - withdrawal of a bid before an award is made; and the type withdrawal set forth in this paragraph.

At the beginning of this contract term, the Company will designate those employees who are presently stand-by operators, and may from time to time post other stand-by jobs for bid. When a job has no stand-by operator, or when a stand-by operator is not available, that is, not at work on the premises at the time, temporary vacancies may be filled without regard to seniority for a period of thirty (30) days in filling a temporary vacancy, and employee working regularly at a job in a lower classification, but who has previously worked regularly at the temporarily vacant job, will, if he has seniority over other employees similarly situated, be given preference over other employees in filling the temporary vacancy. However, if such vacancy continues beyond thirty (30) days because of illness, leave of absence, vacation or other cause of the employee regularly assigned to the job, then the Shop Committee and Management will meet in an effort to fill the vacancy either by continuing the employee temporarily selected or selecting another employee for such additional period of time as may be agreed upon. If such vacancy cannot be filled from among employees within the bargaining unit then the Company may employ a new employee to fill the job. Employees who are transferred from their regular job in order to fill a temporary vacancy as described above will be paid their regular rate or the rate of the job to which they are transferred, whichever is higher.

In lieu of actually moving the proper employee to the temporary vacancy, the Company, in its discretion, may elect to compensate the employee for the difference in compensation involved. Compensation will be limited to one employee.

A stand-by operator, or any employee, who takes the job of an operator, or any other employee, on a temporary basis--that is, when the operator or other employee is absent because of illness, leave of absence, vacation, or other such temporary absence--shall acquire no rights to such job over the operator or other employee, regardless of seniority.

In the event it is determined that no present employee with seniority is qualified to fill the position in question, then the Company may hire a new employee to fill the position.

An employee may bid on a posted job when absent from work, if not on extended disability, by contacting the Local Union President. The Company will supply the Local Union President the names of employees that are not present when a job is posted.

#### **ARTICLE 13 - Absenteeism**

1. To maintain efficient production schedules, the parties insist on regular, punctual attendance of all employees.
2. Chronic absenteeism or chronic tardiness will be cause for discharge or other disciplinary action.
3. An employee who has previous knowledge of an expected absence from work shall notify the Company in advance of such absence.

In emergency situations, or where unexpected events cause an absence from work, an employee must notify the Company as soon as possible on the day of such absence and provide the reason therefore.

Employees who fail to provide notice, as provided above, for three successive workdays shall be considered as voluntary quits.

#### **ARTICLE 14 - Safety and Health**

1. Both parties to this Agreement will strive to improve the safety conditions for the protection of employees and to agree to police this provision so as to insure against unnecessary injury to the employee and costly interruption to operation. Neither party will uphold needless nor careless acts calculated to injure an employee or his fellow workers.

2. The Company will furnish without cost to the employees all protective equipment deemed necessary by the Company. All such items shall be checked out to the employee who shall be responsible for its safekeeping and care. Failure of this responsibility by the employee shall result in the cost of the item being deducted from his next check. The Company will pay a differential of \$75.00 per pair for Safety Shoes, purchased and worn regularly by employees while on duty. Employees who regularly work in the pickling operation will be eligible to receive this payment twice per year. Should employees be required by law to wear hard hats and ear plugs, they will be furnished by the Company. The Company will supply cold weather clothing to employees assigned to jobs that requires them to be outdoors on a daily basis.

3. The Union shall designate at least two (2) safety committeemen in the Plant. These committeemen shall be part of the Plant's safety committee which shall meet monthly with the company's representative in an effort to improve safety conditions and practices in the Plant.

4. An employee shall not be required to work on a job which will be dangerous to life or limb. The Company agrees to equip a satisfactory First Aid Station.

5. Should an employee suffer a job-related, compensable injury, he shall be paid for the balance of the day on which the injury occurred.
-

### **ARTICLE 15- Shop Committee**

1. The Union Shop Committee shall consist of not more than four (4) members, one of whom shall be designated as Chairman. There may be one additional committeeman for the night shift.
2. The Union Shop Committee shall be recognized as the Plant Grievance Committee and all disputes resulting from the application and/or interpretation of this agreement shall be handled by said Committee with the assistance of the Union International Representative in cases where such assistance is deemed necessary by the Committee.
3. The Union shall notify the Company in writing of the names of the Shop Committee, and the Company shall furnish in writing to the Union the names of its Supervisors.

### **ARTICLE 16 - Grievance Procedure**

1. All grievance and/or disputes arising out of the application or interpretation of the provisions of the Agreement shall be handled in accordance with the following procedure. Employees may be discharged during their probationary period without recourse to the grievance and arbitration procedures.
  - a. The aggrieved employee shall register his grievance within two (2) workdays from the date of origin of his alleged grievance with his immediate foreman, or he may request his foreman to call the grievance committeeman in his area and the committeeman shall be called as soon as possible, but not later than the end of the shift in which the request is made.
  - b. Failing satisfactory adjustment within two workdays after being presented to the immediate foreman, the grievance shall be reduced to writing by the Shop Committee and appealed to the Superintendent within two (2) workdays thereafter and the Superintendent shall forthwith offer to meet with the Shop Committee within two (2) workdays for the purpose of adjusting said grievance. The Superintendent shall within two (2) workdays after such meeting has been held give a written acceptance to the grievance.
  - c. Failing satisfactory adjustment in Step b., the President of the Company or his designated representative shall be notified in writing within five (5) days after the written answer provided for in Step has been received. The President of the Company or his designated representative shall meet with the Shop Committee and the International Representative on the 2nd and/or 4th Monday of each month to discuss grievances for which a formal appeal has been made. These meetings may be held on other dates which may be more convenient to the parties by mutual agreement. The President of the Company or his designated Representative shall, within five (5) days after such meeting has been held, give written answer to the Shop Committee with a copy to the International Representative.
  - d. Should a grievance fail to be settled as provided above, either party may submit the matter to arbitration by giving written notice of its desire to do so to the other party. The Arbitrator shall be selected in the following manner: The Company and the Union shall jointly request the Federal Mediation and Conciliation Service to name seven (7) available Arbitrators. Chosen by a toss of a coin, the winner shall strike the name of one Arbitrator, and alternately each party shall strike another, the remaining last name to be the person to serve as the Arbitrator.
  - e. The Arbitrator shall promptly inquire into all matters affecting the complaint and shall within thirty (30) days of his appointment render his decision in writing, and said decision shall be final and binding upon the parties to this Agreement. One half of the expense of the Arbitrator shall be paid by each party.
  - f. Arbitrated matters shall be confined to the meaning and application of the provisions of this Agreement.
2. The Union International Representative may be requested to, and shall have the right to, assist in the adjustment of any and all grievances after Step b. of the grievance procedure has been invoked.
3. The Union International Representative shall have access to the Company's property during working hours for the purpose of ascertaining if the provisions of the Agreement are being complied with. The Union International Representative shall obtain from the Company, specific authorization for each visit and such visits shall be subject to such regulations as may be made from time to time by the Company.
4. The Company will not impose regulations which will exclude the Union International Representative from its property, nor render ineffective the intent of the foregoing paragraph.
5. Grievances not reduced to writing by the Shop Committee and not appealed to the superintendent within six (6) workdays from the date of origin of the alleged grievance shall not be considered under this grievance procedure.

When a negative answer is given to a grievance at any step, or when no answer is given to a grievance at any step, the appeal to the next step must be accomplished within the time limits set forth. Otherwise, the appeal shall be deemed to have been waived.

The aggrieved employee may be present at all steps of the grievance procedure. In group grievances, the group may be represented by not more than two employees.

---

### **ARTICLE 17 - Leave of Absence**

Upon written request of the Union, a leave of absence without pay will be granted to any employee to serve as a full-time representative of the Union. Leave of absence shall be for a period of one (1) year, subject to annual renewal by mutual agreement. In no event will the number of employees so serving exceed one. Employees serving as full-time representatives of the Union shall maintain and accumulate seniority. The Company will not arbitrarily withhold leaves of absence without pay to not more than five (5) employees to attend Union, State or National Conventions and Conferences. An employee may request up to 30 day personal leave of absence per Company policy.

### **ARTICLE 18 - Supervisory Employees**

Supervisory employees shall not perform work on any hourly rated job classification if the result would be to displace an employee in the bargaining unit, but this will not prevent such work: (1) in emergency; (2) when regular employees are not available, including such times as when employees are being called in; (3) In the instruction or training of employees; (4) in testing materials and production; and (5) in the performance of necessary work when production difficulties are encountered.

Lead persons shall be appointed by, and serve at, the discretion of management. Lead persons have supervisory authority only when their supervisor is absent from the plant or away from the work area, including his office, for an extended period of time. An employee has the right to refuse a Leadman position.

### **ARTICLE 19 - General**

1. The Company will provide a Union Bulletin Board in a suitable location in the Plant and will post thereon notices of Union Meetings and Union activities as may be submitted by the Union for such posting.

2. The parties hereto agree that there shall be no Union activities on Company time, except that which is specifically provided for in this Agreement.

3. The Company agrees that it will furnish all present and new employees with a copy of the current contract between the Company and the Union. And the Union will be included in the new hire orientation. They will also be furnished with copies of the Insurance Program. The Company will pay the cost of printing these booklets which shall have the Union Label.

4. The Company agrees that all employees will be furnished a copy of the current Shop and Safety Rules for which they will acknowledge receipt by their signature.

5. The Company agrees to furnish the Secretary of the Local Union with a list of separations from employment and new hires on a monthly basis.

6. When circumstances permit, deductions will be made from payments to employees for Virginia State Income Tax.

7. No contract or agreement affecting the employees of this Company to whom this Agreement applies shall be entered into between the Company and any employee or group of employees other than their certified representative, that will in any way conflict with or supersede this Agreement or any extension thereof.

8. When the Company adopts a plant rule or changes a plant rule, the Company will inform the Union prior to posting and immediately furnish a copy to the Local Union President.

The rule will be presumed to be valid and in force when posted. If the Union desires to challenge the rule because it is deemed in conflict with the terms of this Agreement, it must do so in writing within five (5) calendar days of the time a copy was furnished to the Union. Otherwise, the rule shall, in fact, be valid.

9. Employees who have been continuously employed for one year at the time of entering the Armed Forces of the United States under the Universal Military Training and Service act shall receive two (2) weeks' pay, based on the employee's average earnings for the preceding six months.

The Company and the Union agree to follow the provisions of the Universal Military Training and Service Act, as amended, in connection with the reinstatement of employees of the Company who have been discharged from the military and naval services of the United States.

10. A Labor-Management Participation Team Program will be implemented as soon as practicable.

11. The Union may review any new test developed in-house by the Company after the effective date of the Agreement and make suggestions regarding such tests.

12. Written warning letters are to be removed from an employee's record eighteen (18) months after the issuance of the said letter, provided that the offense involved has not been repeated within the 18-month period.

13. The Company agrees that if during the life of this agreement the facility covered by this agreement is sold, leased, transferred or assigned, the Company shall inform the purchaser, lessee, transferee or assignee of the exact terms of this agreement. Bristol Metals, LLC shall not assign this collective bargaining agreement to another party without the prior written consent of the Union, which consent shall not be unreasonably withheld, conditioned or delayed.

---

14. Up to three (3) representatives of the Local Union may address hourly new hires during the new employee orientation process.
15. The Company agrees to provide an annual \$200.00 re-imbursement tool allowance to Maintenance and Preventive Maintenance personnel in Class 6 and Class 7.
16. The Company agrees that if the Pipe Fitters who worked in the Fab Building do not come back to their work/location, and is used for other work, those jobs and employees will be recognized as USW bargaining unit employees.

#### **ARTICLE 20 - Group Insurance**

Bargaining Unit employees will be eligible for whatever insurance programs the Company's hourly non-bargaining unit employees are eligible, subject to applicable provisions of the parties Supplemental Agreement dated December 9, 2004 (details shall be contained in booklets to be published and distributed to employees following the execution of this Agreement.)

If you have medical coverage and want dental coverage, you must cover the same dependents on dental as medical. For example, you can't have family medical and EE only dental or EE + 1 dental. You can elect medical without dental or dental without medical. Dental rates are higher for dental only coverage.

See APPENDIX "B" for how the weekly medical/ dental rates will be calculated.

#### **ARTICLE 21 - Pension Agreement**

Consistent with the provisions of the preceding Agreement in this reward, and in order to enable compliance with the law, the Company is authorized to make required changes in the Pension Plan now in effect to comply with current law.

#### **ARTICLE 22 - Vocational Training**

The Company agrees to pay the entire cost of vocational training for any employee who successfully completes a related course of study in any bona fide vocational or correspondence school provided that such employee gives advance notice to the Company of his desire to take a course of study and both the course of study and the school are approved by the Company in advance. Any employee taking such a course of study must furnish to the Company satisfactory evidence of having successfully completed it in order to receive reimbursement from the Company for the cost of the course. In addition to vocational training, the Company will maintain an apprenticeship program for maintenance to be utilized to advance employees into maintenance as deemed necessary.

#### **ARTICLE 23- Jury Duty**

An employee who is called to serve on jury duty during a regularly scheduled workday shall be paid by the Company for such time lost from work thereby, the difference between the amount received by him for such service and the amount he would have earned at work, it being the intent of the parties that this sentence provides no more or no less than that required by the current laws of the State of Tennessee. In the event such laws are changed, modified, or become invalid during the term of this Agreement, the parties agree to meet for the purpose of discussing the effect of such change, modification, or invalidation.

It shall be a condition of the foregoing that an employee notify the Company at the time he is called to such duty; that an employee so serving secure from the Clerk of Court and submit to the Company certification of the days he served, the amount he was paid, and the time he was released.

Any employee who is released from jury duty, after having served less than three (3) hours, will be required to report for the remainder of first shift or at their regularly scheduled starting time if working 2nd or 3rd shift. Third shift employees will be excused without pay from work for the shift immediately preceding any day of jury service unless the employee elects to work.

#### **ARTICLE 24 - Bereavement Leave**

In the event an employee is absent on a scheduled work day as a result of a death in the immediate family i.e. the employee's wife, husband, parents, or children (including those legally adopted and stepchildren), grandparents, brothers, sisters, mother-in-law or father-in-law, he shall be paid one (1) day pay at his regular straight - time rate for each day lost up to a maximum of three (3) days, one of which must be the day of the funeral. In addition, employees will be paid one (1) day bereavement at their regular straight time rate with regard to a death of a brother in-law or sister in-law.

Unpaid leaves to attend the funeral of relatives not members of the immediate family will be considered on a case-by-case basis.

---

**ARTICLE 25 - Termination**

All provisions of this Agreement shall remain in full force and effect through July 31, 2019, and at midnight on said date this contract shall expire.

IN WITNESS WHEREOF, the Company and the Union affix their signatures to this Agreement on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

---

**United Steelworkers, AFL-CIO/CLC**

By:

/s/ Leo W. Gerard

Leo W. Gerard

International President

/s/ Stanley Johnson

Stanley Johnson

International Secretary-Treasurer

/s/ Thomas M. Conway

Thomas M. Conway

International Vice President, Administration

/s/ Fred Redmond

Fred Redmond

International Vice President, Human Affairs

/s/ Daniel Flippo

Danial Flippo

Director District 9

/s/ Sheila Harris

Sheila Harris

Sub-District Director

**Local Union Negotiating Committee:**

By:

/s/ Steve Lewis

Steve Lewis

President Local 4586

/s/ Kenneth Barnhart

Kenneth Barnhart

/s/ Michael McClain

Michael McClain

/s/ Don Pickel

Don Pickel

/s/ Josh Pickel

Josh Pickel

**Bristol Metals, LLC**

**Bristol, TN**

By:

/s/ Kyle Pennington

Kyle Pennington

President

/s/ Carl Devine

Carl Devine

Director Manufacturing Operations

/s/ Mike Osborne

Mike Osborne

Director Manufacturing Operations

/s/ Josh Ringley

Josh Ringley

Director Business Operations

/s/ Jim Hertz

Jim Hertz

Comptroller

/s/ Lee Ellis

Lee Ellis

Human Resources Manager



**APPENDIX "A"**

<b>Classification</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
1	12.93	13.31	13.71	14.13	14.55
2	14.45	14.88	15.33	15.79	16.26
2+	15.05	15.50	15.97	16.44	16.94
3	16.43	16.92	17.43	17.95	18.49
3+	17.11	17.62	18.15	18.70	19.26
4	17.88	18.42	18.97	19.54	20.13
4+	18.63	19.19	19.76	20.36	20.97
5+	18.75	19.32	19.90	20.49	21.11
6	18.83	19.39	19.97	20.57	21.19
7	19.29	19.87	20.47	21.08	21.71

**APPENDIX "B"**

**Changes in Synalloy Corporation's Health Benefits Effective February 1, 2015**

Starting in 2010 whereby the employee contributions will be based on the total cost of our group medical per employee. Each of the four tiers of employee contributions will be based on a percentage of the total cost per employee of the health plan. This cost-sharing concept will be a partnership between employees and the company to continue to provide excellent healthcare coverage and to work together to control healthcare costs.

The cost per employee per year (PEPY) in 2014 was \$12,204. This cost represented a record high for our Company and it came as a result of many extraordinary events during 2014. Going forward, the plan will call for employees to pay a percentage of the PEPY cost as follows: Employee only - 18%; Employee + Child(ren) - 18%; Employee + Spouse- 18% and Employee + Full Family - 18%. Our company will transition into this by doing a step-up model that increases the percentages over a four and a half year period to get to the final percentages that are listed above:

For 2015, the employee contributions will be as follows:

**Employee Contributions based on Tier % of \$12,204.00**

<b>2015 Core Plan</b>	<b>Annual</b>	<b>Monthly</b>	<b>Weekly</b>
EE Only 15%	\$ 918.00	\$ 76.50	\$17.65
EE + Child(ren) 15%	\$1,606.50	\$133.88	\$30.89
EE + Spouse 15%	\$1,836.00	\$153.00	\$35.31
EE + Family 15%	\$2,295.00	\$191.25	\$44.13
<b>2015 Buy-Up Plan</b>	<b>Annual</b>	<b>Monthly</b>	<b>Weekly</b>
EE Only 15%	\$1,145.11	\$ 95.43	\$22.02
EE + Child(ren) 15%	\$2,003.94	\$166.99	\$38.54
EE + Spouse 15%	\$2,290.21	\$190.85	\$44.04
EE + Family 15%	\$2862.77	\$238.56	\$55.05

For years 2015 through 2019, the percentages are listed below. The employee contribution is based on a percentage of the actual medical costs from the previous year. That number will be calculated annually and can go up or down.

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
EE Only	15%	16%	17%	18%	18%
EE + Child(ren)	15%	16%	17%	18%	18%
EE + Spouse	15%	16%	17%	18%	18%
EE + Family	15%	16%	17%	18%	18%

---

## INDEX BY PAGE & ARTICLE NUMBER

---

Cover Page	Pg. 1
Table of Contents	Pg. 2
Preamble	Pg. 3
Article 1 - Recognition	Pg. 3
Article 2 - Management	Pg. 5
Article 3 - Check Off Provisions	Pg. 6
Article 4 - Check Off Authorization	Pg. 10
Article 5 - No Discrimination	Pg. 12
Article 6 - Wages	Pg. 13
Article 7 - Shift Assignments & Preference	Pg. 17
Article 8 - Profit Sharing	Pg. 19
Article 9 - Vacations/Paid Time Off	Pg. 23
Article 10 - Hours of Work	Pg. 33
Article 11 - Holidays	Pg. 38
Article 12 - Seniority	Pg. 40
Article 13 - Absenteeism	Pg. 49
Article 14 - Safety and Health	Pg. 50
Article 15 - Shop Committee	Pg. 52
Article 16 - Grievance	Pg. 53
Article 17 - Leave Of Absence	Pg. 57
Article 18 - Supervisory Employees	Pg. 57
Article 19 - General	Pg. 58
Article 20 - Group Insurance	Pg. 62
Article 21 - Pension Agreement	Pg. 63
Article 22 - Vocational Training	Pg. 63
Article 23 - Jury Duty	Pg. 64
Article 24 - Bereavement	Pg. 65
Article 25 - Contract Termination	Pg. 66
Contract Signatures	Pg. 67
Appendix "A", Wage Rate Table	Pg. 68
Appendix "B", Health Benefits	Pg. 69

**BB&T**  
**FIFTH AMENDMENT**  
**TO**  
**FIRST AMENDED AND RESTATED LOAN AGREEMENT**

9520406872

Account Number

This Fifth Amendment to First Amended and Restated Loan Agreement (this “Amendment”) is made as of March 7, 2016 by and among **BRANCH BANKING AND TRUST COMPANY**, a North Carolina banking corporation (“Bank”) and the following entities (collectively, the “Borrowers”):

**Synalloy Corporation**, a Delaware corporation (“Synalloy”);

**Metchem, Inc.**, a Delaware corporation (“Metchem”);

**Synalloy Fabrication, LLC**, a South Carolina limited liability company (formerly named SFR, LLC) (“Synalloy Fabrication”);

**Synalloy Metals, Inc.**, a Tennessee corporation (“Synalloy Metals”);

**Bristol Metals, LLC**, a Tennessee limited liability company (“Bristol”);

**Manufacturers Soap & Chemical Company**, a Tennessee corporation (“Manufacturers Soap”);

**Manufacturers Chemicals, LLC**, a Tennessee limited liability company (“Manufacturers Chemicals”);

**Palmer of Texas Tanks, Inc.**, a Texas corporation (“Palmer”);

**Syntrans, LLC**, a Texas limited liability company (“Syntrans”);

**CRI Tolling, LLC**, a South Carolina limited liability company (“CRI Tolling”); and

**Specialty Pipe & Tube, Inc.**, a Delaware corporation (“SPT”),

for purposes of amending (without novation, accord nor satisfaction) certain aspects and provisions of the following (all of the following sequentially, cumulatively and collectively, the “Loan Agreement”): the First Amended and Restated Loan Agreement dated as of August 21, 2012; as adjoined to add Palmer pursuant to the Palmer Joinder Agreement dated as of August 21, 2012 by the among the parties hereto; and as further adjoined to add SPT pursuant to the Specialty Pipe & Tube Inc. Joinder Agreement dated as of November 21, 2014; and as amended pursuant to the First Amendment to First Amended and Restated Loan Agreement dated as of October 22, 2012, the Second Amendment to First Amended and Restated Loan Agreement dated as of August 9, 2013, the Third Amendment to First Amended and Restated Loan Agreement dated as of January 2, 2014 and the Fourth Amendment to First Amended and Restated Loan Agreement dated as of November 21, 2014. Capitalized terms used herein without definition have the meanings assigned to such terms in the Loan Agreement.

---

**BB&T**  
**FIFTH AMENDMENT**  
**TO**  
**FIRST AMENDED AND RESTATED LOAN AGREEMENT**

**Agreement**

**Section 1. Defined Terms from Loan Agreement**

Capitalized terms used in this Amendment without definition retain (except, to the extent applicable, as amended hereby) the meanings respectfully assigned to such terms in the Loan Agreement.

**Section 2. Recitals and Loan Agreement Incorporated Herein by Reference**

Each and all of opening paragraphs, statements, information and other provisions of this Agreement above constitute an integral part of this Amendment among the parties and are to be considered binding upon the parties. In addition, the statements, recitals, terms, conditions and agreements of and in the Loan Agreement are hereby incorporated herein by this reference thereto as if set forth herein in full.

**Section 3. Amendment to Definition of “EBITDA”.** The sentence in the first indented paragraph of Section 5 of the Loan Agreement defining the term “EBITDA” is hereby restated to read as follows::

**EBITDA** is defined as the sum of (a) net income for such period plus (b) an amount which, in the determination of net income for such period, has been deducted for (i) interest expense (including the interest component under capital lease obligations) (ii) total federal, state and other income taxes (iii) depreciation and amortization expense and (iv) non-recurring acquisition expenses, all as determined in accordance with GAAP plus (c) to the extent not already added back pursuant to the immediately preceding clause (b) above, with respect to the fourth quarter ended December 31, 2015, a non-cash goodwill impairment charge of \$17,200,000 for such fiscal year; minus (d) as of February 29, 2016, the SPT and Palmer earn-out adjustments (\$4,897,448) and the Palmer casualty insurance gain (923,470); plus (e) such other non-recurring and/or extraordinary charges in any fiscal year to which the Bank may consent in its discretion (not to be unreasonably withheld); minus (f) such other non-recurring and/or extraordinary gains in any fiscal year to which the Bank may consent in its discretion (not to be unreasonably withheld).

Any references to “EBITDA” set forth in the Loan Agreement, the other Loan Documents and any related agreement, instrument, filing, document or other papers (including without limitation in any pricing grids to notes or otherwise) shall henceforth be deemed amended, *mutatis mutandis* , to reflect the above revision.

**Section 4. Revision of Tangible Net Worth Floor.** Section 5 of the Loan Agreement entitled “**Tangible Net Worth**” is hereby restated to read as follows:

**Tangible Net Worth** : A minimum tangible net worth at all times of not less than \$63,000,000 (as such minimum amount is increased pursuant to the following sentence, the “Minimum Tangible Net Worth”). The Minimum Tangible Net Worth amount shall increase (but shall in no event decrease) by at least 50% of Consolidated Net Income over the prior fiscal year-end result, and then each fiscal year thereafter. Tangible Net Worth is defined as, to the extent positive: net worth, plus obligations contractually subordinated to debts owed to Bank, minus goodwill, general intangibles, contract rights, and assets representing claims on stockholders or affiliated entities. Consolidated Net Income is defined as Borrowers’ after tax net income as shown on the Annual Financial Statements referred to in Section 3.08 of this Agreement.

Any references to this Tangible Net Worth covenant set forth in the Loan Agreement, the other Loan Documents and any related agreement, instrument, filing, document or other papers shall henceforth be deemed amended, *mutatis mutandis* , to reflect the above revision.

**Section 5. Total Liabilities to Tangible Net Worth.** For the avoidance of doubt, the financial covenant set forth in the paragraph of Section 5 of the Loan Agreement concerning Total Liabilities to Tangible Net Worth remains in full force and effect.

**Section 6. Amendment and Extension Fee.** The Borrower shall pay to the Bank on the date hereof an amendment and extension fee in the amount of 15,000.

**Section 7. Bringdown of Representations and Warranties.** The Borrowers represent and warrant to Bank the continued accuracy and completeness, as of the date hereof, of all representations made in the Loan Documents (including without limitation Section 2 of the Loan

---

**BB&T**  
**FIFTH AMENDMENT**  
**TO**  
**FIRST AMENDED AND RESTATED LOAN AGREEMENT**

Agreement) and as to Palmer the same by virtue of the Palmer Joinder Agreement referenced above, taking into account this Amendment constituting one of the Loan Documents.

**Section 8. Indemnification**

The Borrowers hereby jointly and severally agree to and do hereby indemnify and defend the Bank, its affiliates, their successors and assigns and their respective directors, officer, employees and shareholders, and do hereby hold each of them harmless from and against, any loss, liability, lawsuit, proceeding, cost expense or damage (including reasonable in-house and outside counsel fees, whether suit is brought or not) arising from or otherwise relating to the closing, disbursement, administration, or repayment of the Loan(s) and the other Loans, including without limitation: (i) the failure to make any payment to the Bank promptly when due, whether under the Loans or otherwise; (ii) the breach of any representations or warranties to the Bank contained in this Amendment, the Loan Documents or in any other loan documents now or hereafter executed in connection with this Amendment and the Loans; (iii) the violation of any covenants or agreements made for the benefit of the Bank and contained in any of the Loan Documents; provided, however, that the foregoing indemnification shall not be deemed to cover any loss which is finally determined by a court of competent jurisdiction to result solely from the Bank's gross negligence or willful misconduct; or (iv) any aspect of this Amendment or the transactions contemplated hereby.

**Section 9. Ratification and Security**

For the avoidance of doubt, all of the obligations of the Borrowers, whether of payment or performance, under the Line of Credit, the Term Loan, the CRI Acquisition Loan, the SPT Acquisition Loan and any additional Loans or Loan Documents shall be and continue following the effectiveness of this Amendment to be (along with the other obligations referenced therein), the joint and several obligation of all of the Borrowers, secured by and enjoying the benefits of the pledges, mortgages, deeds of trust, collateral and other matters and security set forth in the Loan Documents. Notwithstanding the foregoing, however, nothing in this Amendment shall cause SPT to be or become obligated under any Swap Agreements as such term is defined in the Specialty Pipe & Tube Inc. Joinder Agreement dated as of November 21, 2014 or under any Loan Document which would in any way cause SPT to become a party to any Swap Agreement.

**Section 10. Miscellaneous.**

- (a) **Certain Provisions Incorporated by Reference.** Without limiting the continued general applicability of Section 10 (or any other provisions) of the Loan Agreement, the provisions of Sections 10.02 through Section 10.18 of the Loan Agreement are incorporated into this Amendment, *mutatis mutandis*, as if set forth herein in full.
- (b) **Matters as to Amendment .** This Amendment constitutes an amendment to the Loan Agreement (and, to the extent applicable, all other Loan Documents) and except for the effect of any matters expressly set forth in this Amendment, this Amendment, the Loan Agreement and each of the Loan Documents is, and shall continue to be following the effectiveness of this Amendment, in full force and effect in accordance with the terms thereof, and nothing in this Amendment shall otherwise be deemed to amend or modify any provision of the Loan Agreement or the other Loan Documents, each of which shall remain in full force and effect except as otherwise expressly provided herein or therein. This Amendment is not intended to be, nor shall it be construed to create, a novation or accord and satisfaction. This Amendment does not effect the release of any collateral, does not disturb the perfection or priority of any existing liens, and does not effect the release of any obligor, guarantor or other party from its obligations.
- (c) **References to Documents.** Each reference in the Loan Agreement, this Amendment and any other Loan Documents shall be the same as may be amended, restated, increased, decreased, extended, reduced or otherwise modified and effect from time to time.

[The remainder of this page is left blank intentionally]

---

**BB&T**  
**FIFTH AMENDMENT**  
**TO**  
**FIRST AMENDED AND RESTATED LOAN AGREEMENT**

(d) **WAIVER OF JURY TRIAL. UNLESS EXPRESSLY PROHIBITED BY APPLICABLE LAW, THE UNDERSIGNED HEREBY WAIVE THE RIGHT TO TRIAL BY JURY OF ANY MATTERS OR CLAIMS ARISING OUT OF THIS AMENDMENT OR ANY OF THE LOAN DOCUMENTS EXECUTED IN CONNECTION HERewith OR OUT OF THE CONDUCT OF THE RELATIONSHIP BETWEEN THE UNDERSIGNED AND BANK. THIS PROVISION IS A MATERIAL INDUCEMENT FOR BANK TO MAKE THE LOAN AND ENTER INTO THIS AMENDMENT. FURTHER, THE UNDERSIGNED HEREBY CERTIFY THAT NO REPRESENTATIVE OR AGENT OF BANK, NOR BANK'S COUNSEL, HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT BANK WOULD NOT SEEK TO ENFORCE THIS WAIVER OR RIGHT TO JURY TRIAL PROVISION. NO REPRESENTATIVE OR AGENT OF BANK, NOR BANK'S COUNSEL, HAS THE AUTHORITY TO WAIVE, CONDITION OR MODIFY THIS PROVISION.**

**IN WITNESS WHEREOF**, the parties hereto have executed and delivered this Amendment under seal as of the date first written above.

Witness (as to Synalloy Corporation):

**SYNALLOY CORPORATION**

By: \_\_\_\_\_(SEAL)  
Dennis M. Loughran  
Senior Vice President and CFO  
*of and on behalf of Synalloy Corporation*

Witness (as to the co-Borrowers):

**METCHEM, INC.**  
**SYNALLOY METALS, INC.**  
**MANUFACTURERS SOAP & CHEMICAL COMPANY**  
**MANUFACTURERS CHEMICALS, LLC**  
**BRISTOL METALS, LLC**  
**SYNALLOY FABRICATION, LLC**  
**PALMER OF TEXAS TANKS, INC.**  
**SYNTRANS, LLC**  
**CRI TOLLING, LLC**  
**SPECIALTY PIPE & TUBE, INC.**

By: \_\_\_\_\_(SEAL)  
Richard D. Sieradzki  
Vice President, Finance  
*of and on behalf of each of  
the above-named entities*

Witness (as to BB&T):

**BRANCH BANKING AND TRUST COMPANY**

By: \_\_\_\_\_  
Stan W. Parker  
Senior Vice President

## **Synalloy Corporation**

### **Exhibit 21 Subsidiaries of the Registrant**

All of the Company's subsidiaries are wholly owned. All subsidiaries are included in the Company's consolidated financial statements. The subsidiaries are as follows:

Synalloy Metals, Inc., a Tennessee corporation

Bristol Metals, LLC, a Tennessee limited liability corporation

Manufacturers Soap and Chemicals Company, a Tennessee corporation

Manufacturers Chemicals, LLC, a Tennessee limited liability corporation

Metchem, Inc., a Delaware corporation

Synalloy Fabrication, LLC, a South Carolina limited liability corporation

Palmer of Texas Tanks, Inc., a Texas corporation (formerly Lee-Var, Inc.)

SynTrans, LLC, a Texas limited liability corporation

CRI Tolling, LLC, a South Carolina limited liability corporation

Specialty Pipe & Tube, Inc., a Delaware corporation



**Consent of Independent Registered Public Accounting Firm**

The Board of Directors  
Synalloy Corporation:

We consent to the incorporation by reference in the registration statement No. 333-204850 on Form S-3 and No. 333-188937 on Form S-8 of Synalloy Corporation of our reports dated March 30, 2016, with respect to the consolidated balance sheet of Synalloy Corporation as of December 31, 2015, and the related consolidated statements of operations, shareholders' equity, and cash flows for the fiscal year ended December 31, 2015, and the related financial statement schedule for the fiscal year ended December 31, 2015, and the effectiveness of internal control over financial reporting as of December 31, 2015, which reports appear in the December 31, 2015 annual report on Form 10-K of Synalloy Corporation.

/s/ KPMG LLP

Richmond, Virginia  
March 30, 2016

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors and Shareholders  
Synalloy Corporation

We consent to the incorporation by reference in the registration statements on Form S-3 (File No. 333-204850) and on the Form S-8 (File No. 333-188937), of our report dated March 17, 2015, with respect to the consolidated financial statements of Synalloy Corporation and subsidiaries as of January 3, 2015 and for the two years in the period then ended and the related financial statement schedule, which report appears in Synalloy Corporation's 2015 Annual Report on Form 10-K for the year ended December 31, 2015.

/s/ Dixon Hughes Goodman LLP

Charlotte, North Carolina  
March 30, 2016

---

**Exhibit 31.1**

**CERTIFICATIONS**

I, Craig C. Bram, certify that:

1. I have reviewed this annual report on Form 10-K of Synalloy Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting as defined in Exchange Act Rules 13a-15(f) and 15d-15(f) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 30, 2016      /s/ Craig C. Bram  
Craig C. Bram  
Chief Executive Officer

---

---

**Exhibit 31.2**

**CERTIFICATIONS**

I, Dennis M. Loughran, certify that:

1. I have reviewed this annual report on Form 10-K of Synalloy Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting as defined in Exchange Act Rules 13a-15(f) and 15d-15(f) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 30, 2016      /s/ Dennis M. Loughran  
Dennis M. Loughran  
Chief Financial Officer

---

---

**Exhibit 31.3**

**CERTIFICATIONS**

I, Richard D. Sieradzki, certify that:

1. I have reviewed this annual report on Form 10-K of Synalloy Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting as defined in Exchange Act Rules 13a-15(f) and 15d-15(f) for the registrant and have:
  - a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 30, 2016      /s/ Richard D. Sieradzki  
Richard D. Sieradzki  
Principal Accounting Officer

---

**Certifications Pursuant to 18 U.S.C. Section 1350**

The undersigned, who are the chief executive officer, the chief financial officer and the principal accounting officer of Synalloy Corporation, each hereby certifies that, to the best of his knowledge, the accompanying Form 10-K of the issuer fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, and that information contained in the report fairly presents, in all material respects, the financial condition and results of operations of the issuer.

Date: March 30, 2016    /s/ Craig C. Bram  
Craig C. Bram  
Chief Executive Officer

/s/ Dennis M. Loughran  
Dennis M. Loughran  
Chief Financial Officer

/s/ Richard D. Sieradzki  
Richard D. Sieradzki  
Principal Accounting Officer