SHILOH INDUSTRIES INC

Form 10-Q September 07, 2016

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended July 31, 2016

OR

..TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission file number 0-21964

SHILOH INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

51-0347683

(State or other jurisdiction of (I.R.S. Employer

incorporation or organization) Identification No.)

880 Steel Drive, Valley City, Ohio 44280

(Address of principal executive offices—zip code)

(330) 558-2600

(Registrant's telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last report)

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 x 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 (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes x No "

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 the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer "Accelerated filer x 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 Exchange Act). Yes "No x

Number of shares of Common Stock outstanding as of September 6, 2016 was 17,614,056.

Table of Contents

INDEX

	Page
PART I. FINANCIAL INFORMATION	
Item 1. Condensed Consolidated Financial Statements (Unaudited)	
Condensed Consolidated Balance Sheets	<u>3</u>
Condensed Consolidated Statements of Operations	<u>4</u>
Condensed Consolidated Statements of Comprehensive Income (Loss)	<u>5</u>
Condensed Consolidated Statements of Cash Flows	<u>6</u>
Notes to Condensed Consolidated Financial Statements	<u>7</u>
Forward-Looking Statements	<u>21</u>
Item 2. Management's Discussion and Analysis of Financial Condition	22
and Results of Operations	<u> </u>
Item 3. Qualitative and Quantitative Disclosures About Market Risk	<u>34</u>
Item 4. <u>Controls and Procedures</u>	<u>36</u>
PART II. OTHER INFORMATION	
Item 1. Legal Proceedings	<u>37</u>
Item 1A. Risk Factors	<u>37</u>
Item 6. Exhibits	<u>37</u>

Table of Contents

PART I— FINANCIAL INFORMATION

Item 1. Condensed Consolidated Financial Statements

SHILOH INDUSTRIES, INC.

CONDENSED CONSOLIDATED BALANCE SHEETS

(Dollar amounts in thousands)

(Unaudited)

(Onaudited)	July 31, 2016	October 31, 2015
ASSETS		
Cash and cash equivalents	\$4,576	\$13,100
Investment in marketable securities	124	356
Accounts receivable, net of allowance for doubtful accounts of \$615 and \$821 at July 31, 2010 and October 31, 2015, respectively	⁶ 156,194	194,373
Related-party accounts receivable	841	1,092
Prepaid income taxes	6,292	3,799
Inventories, net	64,616	58,179
Deferred income taxes	1,663	2,837
Prepaid expenses and other assets	35,287	48,267
Total current assets	269,593	322,003
Property, plant and equipment, net	267,184	280,260
Goodwill	28,509	28,843
Intangible assets, net	17,848	19,543
Deferred income taxes	4,424	4,431
Other assets	19,302	11,509
Total assets	\$606,860	\$666,589
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current debt	\$1,407	\$2,080
Accounts payable	137,730	160,405
Other accrued expenses	34,239	34,459
Accrued income taxes	810	_
Total current liabilities	174,186	196,944
Long-term debt	259,224	298,873
Long-term benefit liabilities	15,438	17,376
Deferred income taxes	12,463	6,180
Interest rate swap agreement	6,087	4,989
Other liabilities	794	1,312
Total liabilities	468,192	525,674
Commitments and contingencies		
Stockholders' equity:		
Preferred stock, \$.01 per share; 5,000,000 shares authorized; no shares issued and outstanding		
at July 31, 2016 and October 31, 2015, respectively		
Common stock, par value \$.01 per share; 50,000,000 and 25,000,000 shares authorized at July	,	
31, 2016 and October 31, 2015, respectively; 17,614,056 and 17,309,623 shares issued and	176	173
outstanding at July 31, 2016 and October 31, 2015, respectively		
Paid-in capital	70,100	69,334
Retained earnings	119,106	121,457

Accumulated other comprehensive loss, net (50,714) (50,049 Total stockholders' equity 138,668 140,915 Total liabilities and stockholders' equity \$606,860 \$666,589

The accompanying notes are an integral part of these condensed consolidated financial statements.

Table of Contents

SHILOH INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Amounts in thousands, except per share data) (Unaudited)

		nths Ended	Nine Mont	ths Ended
	July 31,	2017	July 31,	2017
	2016	2015	2016	2015
Net revenues	\$248,832	\$266,071	\$784,151	\$784,236
Cost of sales	224,575	245,822	719,135	717,355
Gross profit	24,257	20,249	65,016	66,881
Selling, general and administrative expenses	17,546	12,246	52,122	42,730
Amortization of intangible assets	566	486	1,695	1,795
Operating income	6,145	7,517	11,199	22,356
Interest expense	4,645	2,885	13,517	6,714
Interest income	_	(7)	(6)	(21)
Other (income) expense	486	178	518	(886)
Income (loss) before income taxes	1,014	4,461	(2,830)	16,549
Provision (benefit) for income taxes	1,363	2,480	(479)	5,772
Net income (loss)	\$(349)	\$1,981	\$(2,351)	\$10,777
Earnings (loss) per share:				
Basic earnings (loss) per share	\$(0.02)	\$0.11	\$(0.13)	\$0.63
Basic weighted average number of common shares	17,614	17,227	17,614	17,220
Diluted earnings (loss) per share	\$(0.02)	\$0.11	\$(0.13)	\$0.62
Diluted weighted average number of common shares	17,614	17,246	17,614	17,247

The accompanying notes are an integral part of these condensed consolidated financial statements.

Table of Contents

SHILOH INDUSTRIES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

(Dollar amounts in thousands)

(Unaudited)

	Three M Ended J 2016				Nine Mo Ended J 2016	ul		
Net income (loss)	\$(349)	\$1,981		\$(2,351)	\$10,77	7
Other comprehensive income (loss):								
Defined benefit pension plans & other postretirement benefits								
Amortization of net actuarial loss	310				930		391	
Actuarial net gain							593	
Asset net loss							(683)
Income tax provision	(112)			(336)	(114)
Total defined benefit pension plans & other post retirement benefits, net of	198				594		187	
tax	190				334		107	
Marketable securities								
Unrealized loss on marketable securities	(58)	(258)	(233)	(552)
Income tax benefit	20		90		75		193	
Total marketable securities, net of tax	(38)	(168)	(158)	(359)
Derivatives and hedging								
Unrealized gain (loss) on interest rate swap agreements	(797)	147		(2,201)	(1,651)
Income tax benefit (provision)	131		(56)	399		625	
Reclassification adjustments for settlement of derivatives included in net	436				1,102			
loss	430				1,102			
Change in fair value of derivative instruments, net of tax	(230)	91		(700)	(1,026)
Foreign currency translation adjustments:								
Foreign currency translation loss	(2,655)	(1,062)	(768)	(8,648)
Reclassification adjustments for settlement of foreign currency included in net loss	218		_		367		_	
Unrealized loss on foreign currency translation, net of tax	(2,437)	(1,062)	(401)	(8,648)
Comprehensive income (loss), net	\$(2,856	_		_	\$(3,016	_		,

The accompanying notes are an integral part of these condensed consolidated financial statements.

Table of Contents

SHILOH INDUSTRIES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Dollar amounts in thousands)

(Unaudited)

	Nine Mor Ended Jul 2016	
CASH FLOWS FROM OPERATING ACTIVITIES:		
Net income (loss)	\$(2,351)	\$10,777
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	28,307	26,083
Asset impairment, net	273	
Amortization of deferred financing costs	1,873	519
Deferred income taxes	7,672	3,134
Stock-based compensation expense	784	851
(Gain) loss on sale of assets	(76)	97
Changes in operating assets and liabilities:		
Accounts receivable	39,662	3,391
Inventories	(5,921)	(7,360)
Prepaids and other assets	6,260	(8,456)
Payables and other liabilities	(26,593)	(12,057)
Prepaid and accrued income taxes	(1,655)	558
Net cash provided by operating activities	48,235	17,537
CASH FLOWS FROM INVESTING ACTIVITIES:		
Capital expenditures	(18,238)	(24,038)
Acquisitions, net of cash acquired		195
Proceeds from sale of assets	1,350	11,417
Net cash used for investing activities	(16,888)	(12,426)
CASH FLOWS FROM FINANCING ACTIVITIES:		
Payment of capital leases	(541)	(581)
Proceeds from long-term borrowings	102,900	94,900
Repayments of long-term borrowings	(141,874)	(102,665)
Payment of deferred financing costs	(308)	(1,342)
Proceeds from exercise of stock options		159
Net cash used for financing activities	(39,823)	(9,529)
Effect of foreign currency exchange rate fluctuations on cash	(48)	(961)
Net decrease in cash and cash equivalents	(8,524)	
Cash and cash equivalents at beginning of period	13,100	
Cash and cash equivalents at end of period	\$4,576	\$6,635
1	,	
Supplemental Cash Flow Information:		
Cash paid for interest	\$11,543	\$6,547
Cash paid for (refund of) income taxes	\$(5,702)	
Non-cash Activities:		
Capital equipment included in accounts payable	\$2,896	\$3,958
1 11	. ,	. ,

The accompanying notes are an integral part of these condensed consolidated financial statements.

Table of Contents

SHILOH INDUSTRIES, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Dollar amounts in thousands, except number of shares and per share data)

Note 1—Basis of Presentation

The condensed consolidated financial statements have been prepared by Shiloh Industries, Inc. and its subsidiaries (the "Company"), without audit, pursuant to the rules and regulations of the Securities and Exchange Commission (the "SEC"). The information furnished in the condensed consolidated financial statements includes normal recurring adjustments and reflects all adjustments, which are, in the opinion of management, necessary for a fair presentation of such financial statements. Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP") have been condensed or omitted pursuant to the rules and regulations of the SEC. Although the Company believes that the disclosures are adequate to make the information presented not misleading, these condensed consolidated financial statements should be read in conjunction with the audited financial statements and the notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended October 31, 2015.

Revenues and operating results for the nine months ended July 31, 2016 are not necessarily indicative of the results to be expected for the full year.

Prior Year Reclassification

Certain prior year amounts have been reclassified to conform with current year presentation.

In the current period, the Company reclassified certain prior year amounts related to tooling from inventory to prepaid expenses to conform with the current period presentation. Such reclassification is reflected in the condensed consolidated statements of cash flows and management's discussion and analysis of financial condition and results of operations and resulted in a reclassification of \$31,616 from inventory to prepaids and other assets for the nine months ended July 31, 2015.

In the current period, the Company reclassified certain prior year amounts related to machinery and equipment from construction in process to non-current other assets to conform with the current period presentation. Such reclassification is reflected in the condensed consolidated statements of cash flows resulting in a reclassification of \$1,879 from capital expenditures to prepaids and other assets for the nine months ended July 31, 2015. In the current period, the Company reclassified certain prior year amounts from machinery and equipment to accumulated depreciation totaling \$7,433 for the fiscal year ended October 31, 2015, which on a net basis had no impact on overall property, plant and equipment, net.

Effective November 1, 2015, the Company changed its classification for recoveries of scrap and tooling as an offset to cost of sales as opposed to net revenues. The Company believes that recoveries of scrap represents the reimbursement of the material it is not able to use in production and, therefore, more appropriately reflected as an offset to cost of sales to allow for better comparability. For the three and nine months ended July 31, 2015, \$9,130 and \$28,049, respectively, was reclassified from net revenues to cost of sales in the condensed consolidated statements of operations.

Note 2—New Accounting Standards

In March 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2016-09, "Compensation - Stock Compensation." ASU 2016-09 simplifies several aspects of the accounting for employee share-based payment transactions, including the income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flows. ASU 2016-09 is effective for financial statements issued for annual periods beginning after December 15, 2016, and interim periods within those annual periods beginning after December 15, 2018. Early adoption is permitted. The Company is currently evaluating the

impact that ASU 2016-09 will have on its statement of financial position or financial statement disclosures. In February 2016, the FASB issued ASU 2016-02, "Leases" which requires a lessee to recognize the assets and liabilities that arise from leases. A lessee should recognize in the statement of financial position a liability to make lease payments (the lease liability) and a right-of-use asset representing its right to use the underlying asset for the lease term. The recognition, measurement, and presentation of expenses and cash flows arising from a lease by a lessee have not significantly changed from the previous guidance within Accounting Standards Codification ("ASC") Topic 840, Leases. For operating leases, a lessee is required to do the following: (1) recognize a right-of-use asset and a lease liability, initially measured at the present value of the

Table of Contents

lease payments, in the statement of financial position, (2) recognize a single lease cost, calculated so that the cost of the lease is allocated over the lease term on a generally straight-line basis and (3) classify all cash payments within operating activities in the statement of cash flows. For leases with a term of 12 months or less, a lessee is permitted to make an accounting policy election by class of underlying asset not to recognize lease assets and lease liabilities. If a lessee makes this election, it should recognize lease expense for such leases generally on a straight-line basis over the lease term. AUS 2016-02 is effective for public entities for fiscal years and interim periods within those years, beginning after December 15, 2018, with early adoption permitted. In transition, lessees and lessors are required to recognize and measure leases at the beginning of the earliest period presented using a modified retrospective approach, which includes a number of optional practical expedients that entities may elect to apply. We are currently assessing the potential impact of the new requirements under the standard.

In January 2016, the FASB issued ASU 2016-01, "Recognition and Measurement of Financial Assets and Financial Liabilities." ASU 2016-01 to amend certain aspects of recognition, measurement, presentation, and disclosure of financial instruments. Most prominent among the amendments is the requirement for changes in the fair value of the Company's equity investments, with certain exceptions, to be recognized through net income rather than other comprehensive income ("OCI"). ASU 2016-01 is effective for financial statements issued for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. The application of the amendments will result in a cumulative-effect adjustment to our consolidated balance sheet as of the effective date. The Company is currently evaluating the impact that ASU 2016-01 will have on its statement of financial position or financial statement disclosures.

In November 2015, the FASB issued ASU 2015-17, "Balance Sheet Classification of Deferred Taxes." ASU 2015-17 requires that deferred tax liabilities and assets be classified as noncurrent in a classified statement of financial position. ASU 2015-17 is effective for financial statements issued for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years, although early adoption is permitted, including adoption in an interim period. The Company is currently evaluating the impact that ASU 2015-17 will have on its statement of financial position or financial statement disclosures.

In July 2015, the FASB issued ASU 2015-11, "Inventory." ASU 2015-11 simplifies the measurement of inventory by requiring inventory to be measured at the lower of cost and net realizable value. ASU 2015-11 is effective for financial statements issued for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years. The Company does not expect ASU 2015-11 will have a material impact on its statement of financial position or financial statement disclosures.

In April 2015, the FASB issued ASU 2015-03, "Interest - Imputation of Interest." ASU 2015-03 requires that 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. The recognition and measurement guidance for debt issuance costs are not affected by the amendments in the ASU. ASU 2015-03 is effective for financial statements issued for fiscal years beginning after December 15, 2015, and interim periods within those fiscal years. The Company does not expect ASU 2015-03 will have a material impact on its statement of financial position or financial statement disclosures. In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers," which clarifies existing accounting literature relating to how and when a company recognizes revenue. Under ASU 2014-09, a company will recognize revenue when it transfers promised goods or services to customers in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods and services. The FASB, through the issuance of ASU No. 2015-14, "Revenue from Contracts with Customers," approved a one year delay of the effective date and the new standard now is effective for reporting periods beginning after December 15, 2017 and permits two implementation approaches, one requiring retrospective application of the new standard with restatement of prior years and one requiring prospective application of the new standard with disclosure of results under old standards. During the second and third quarter, the FASB issued ASUs 2016-10, 2016-11 and 2016-12. ASUs 2016-10 and 2016-12 provide further clarification on the implementation guidance on principal versus agent considerations. ASU 2016-11 rescinds certain SEC guidance from the FASB ASC in response to announcements made by the SEC at the Emerging Issues Task Force's ("EITF") March 3, 2016 meeting. The Company is currently evaluating the potential effects of this pronouncement and the implementation approach to be used.

Table of Contents

Note 3—Acquisitions

Radar Industries, Inc.

On September 30, 2014, the Company, through a wholly-owned subsidiary, consummated the transactions contemplated by the Asset Purchase Agreement, dated September 30, 2014, with Radar Industries, Inc., and Radar Mexican Investments, LLC which produce engineered metal stampings and machined parts for the motor vehicle industry. The Company acquired Radar in order to further its investment in stamping technologies and expand the diversity of its customer base, product offering and geographic footprint. Radar's results of operations are reflected in the Company's condensed consolidated statements of operations from the acquisition date.

As of July 31, 2016, \$2,250 of funds remained in escrow, which are expected to be settled by the end of September 2016.

Note 4—Related Party Receivables

The Company had sales to MTD Products Inc. and its affiliates of \$1,099 and \$3,184 for the three and nine months ended July 31, 2016, respectively, and \$1,577 and \$5,364 for the three and nine months ended July 31, 2015, respectively. At July 31, 2016 and October 31, 2015, the Company had related party receivable balances of \$841 and \$1,092, respectively, due from MTD Products Inc. and its affiliates.

As of July 31, 2016, the Company had one joint venture in China. Operating activities have been insignificant and are not yet consolidated in the Company's statement of operations.

On March 11, 2014, the Company entered into a manufacturing agreement with Velocys, plc. As part of the agreement, the Company invested \$2,000, which is comprised of Velocys stock with a market value of \$1,527 on the date of acquisition and a premium paid of \$473, which is being amortized over the remaining life of the related supplier agreement. The Company re-measures available-for-sale securities at fair value and records the unrealized gain or loss in other comprehensive income until realized. A cumulative mark-to-market unfavorable adjustment of \$38 and \$158, net of tax, was recorded as a loss to other comprehensive income (loss) for the three and nine months ended July 31, 2016, respectively. A cumulative mark-to-market unfavorable adjustment of \$168 and \$359, net of tax, was recorded as a loss to other comprehensive income (loss) for the three and nine months ended July 31, 2015, respectively.

The Company had \$5 and \$12 of sales to Velocys for the three and nine months ended July 31, 2016, respectively, and \$1,163 and \$1,360 for the three and nine months ended July 31, 2015, respectively. At July 31, 2016 and October 31, 2015, the balances due from Velocys were immaterial.

Note 5—Inventories

Inventories consist of the following:

July 31, October 31,

2016 2015

Raw materials \$26,082 \$ 31,864

Work-in-process 17,011 10,994

Finished goods 21,523 15,321

Total inventory \$64,616 \$ 58,179

Total cost of inventory is net of reserves to reduce certain inventory from cost to net realizable value by an allowance for excess and obsolete inventories based on management's review of on-hand inventories compared to historical and estimated future sales and usage. Such reserves aggregated \$3,196 and \$2,347 at July 31, 2016 and October 31, 2015, respectively.

Table of Contents

Note 6—Prepaid Expenses and Other Assets

Prepaid expenses and other assets consist of the following:

July 31, October 31, 2016 2015

Tooling \$25,809 \$ 40,658

(1) Prepaid 9,420 7,609 other Other current 58 —

Total \$35,287 \$ 48,267

assets

(1) Customer reimbursements for the development of molds, dies and tools (collectively, "tooling") related to new program awards that go into production over the next twelve months.

Note 7—Property, Plant and Equipment

Property, plant and equipment consist of the following:

	July 31,	October 31,
	2016	2015
Land and improvements	\$11,344	\$ 11,330
Buildings and improvements	117,100	118,166
Machinery and equipment	495,869	488,047
Furniture and fixtures	18,299	13,901
Construction in progress	40,411	51,253
Total, at cost	683,023	682,697
Less: Accumulated depreciation	415,839	402,437
Property, plant and equipment, net	\$267,184	\$ 280,260

Depreciation expense was \$8,867 and \$8,613 for the three months ended July 31, 2016 and July 31, 2015, respectively, and \$26,612 and \$24,288 for the nine months ended July 31, 2016 and July 31, 2015, respectively.

Capital Leases:

July 31, October 31, 2016 2015

Leased Property:
Machinery and equipment

Machinery and equipment \$7,295 \$7,019 Less: Accumulated depreciation 1,626 1,142 Leased property, net \$5,669 \$5,877

Table of Contents

Total obligations under capital leases and future minimum rental payments to be made under capital leases at July 31, 2016 are as follows:

Twelve Months Ending July 31, 2017 \$897 2018 881 2019 741 393 2020 2021 1,898 4,810 Plus amount representing interest ranging from 3.05% to 3.77% 552 Future minimum rental payments \$5,362

Note 8—Goodwill and Intangible Assets

Goodwill:

The changes in the carrying amount of goodwill for the nine months ended July 31, 2016 are as follows:

Balance October 31, 2015 \$28,843 Foreign currency translation (334) Balance July 31, 2016 \$28,509

Intangible Assets

The changes in the carrying amount of finite intangible assets for the nine months ended July 31, 2016 are as follows:

	Customer	Developed	Non Compata	Trade	Trademark	Total
	Relationships	Technology	Non-Compete	Name	Hauemark	Total
Balance October 31, 2015	\$ 14,311	\$ 3,540	\$ 63	\$1,500	\$ 129	\$19,543
Amortization expense	(999)	(579)	(12)	(92)	(13)	(1,695)
Foreign currency translation	<u> </u>	_	_	_		_
Balance July 31, 2016	\$ 13,312	\$ 2,961	\$ 51	\$1,408	\$ 116	\$17,848

Intangible assets are amortized on the straight-line method over their legal or estimated useful lives. The following summarizes the gross carrying value and accumulated amortization for each major class of intangible assets:

	Weighted Average Useful Life (years)	Gross Carrying Value	Accumulated Amortization	Foreign Currency Adjustment	Net
Customer relationships	3 13.2	\$17,598	\$ (4,258)	\$ (28)	\$13,312
Developed technology	7.3	5,007	(2,046)	_	2,961
Non-compete	2.3	824	(773)	_	51
Trade Name	14.8	1,875	(467)		1,408
Trademark	10.0	166	(50)	_	116
		\$ 25,470	\$ (7,594)	\$ (28)	\$17,848

Table of Contents

Total amortization expense was \$566 and \$1,695 for the three and nine months ended July 31, 2016, respectively, and \$486 and \$1,795 for the three and nine months ended July 31, 2015, respectively. Amortization expense related to intangible assets for the fiscal years ending is estimated to be as follows:

2017	\$2,262
2018	2,161
2019	1,821
2020	1,708
2021	1,705
Thereafter	8,191
	\$17,848

Note 9—Financing Arrangements

Debt consists of the following:

Debt consists of the follow.	····5·			
	July 31, 2016		October 3	31, 2015
Credit Agreement—interes rate of 4.92% at July 31, 2016 and 4.44% at	t \$	254,700	\$	293,300
October 31, 2015 Equipment security note Capital lease obligations	1,121 4,810		1,496 5,434	
Insurance broker financing agreement	_		723	
Total debt	260,631		300,953	
Less: Current debt	1,407		2,080	
Total long-term debt	\$	259,224	\$	298,873

At July 31, 2016, the Company had total debt, excluding capital leases, of \$255,821, consisting of a revolving line of credit under the Credit Agreement of floating rate debt of \$254,700 and fixed rate debt of \$1,121. The weighted average interest rate of all debt was 4.83% and 2.67% (as defined below) for the nine months ended July 31, 2016 and July 31, 2015, respectively.

The Company and its subsidiaries are party to a Credit Agreement, dated October 25, 2013, as amended (the "Credit Agreement") with Bank of America, N.A., as Administrative Agent, Swing Line Lender and L/C Issuer, JPMorgan Chase Bank, N.A. as Syndication Agent, Merrill Lynch, Pierce, Fenner & Smith Incorporated and J.P. Morgan Securities, LLC as Joint Lead Arrangers and Joint Book Managers, The PrivateBank and Trust Company, Compass Bank and Citizens Bank, N.A., as Co-Documentation Agents, and the other lender parties thereto.

On October 30, 2015, the Company executed a Fifth Amendment (the "Fifth Amendment") to the Credit Agreement that increased the permitted leverage ratio with periodic reductions beginning after July 30, 2016. In addition, the Fifth Amendment permitted various investments as well as up to \$40,000 aggregate outstanding principal amount of subordinated indebtedness, subject to certain conditions. Finally, the Fifth Amendment provided for a consolidated fixed charge coverage ratio, and provided for up to \$50,000 of capital expenditures by the Company and its subsidiaries throughout the year ending October 31, 2016, subject to certain quarterly baskets.

On April 29, 2015, the Company executed a Fourth Amendment (the "Fourth Amendment") to the Credit Amendment that maintained the commitment period to September 29, 2019 and allowed for an incremental increase of \$25,000 (or

if certain ratios are met, \$100,000) in the original revolving commitment of \$360,000, subject to the Company's pro forma compliance with financial covenants, the administrative agent's approval and the Company obtaining commitments for such increase.

The Fourth Amendment included scheduled commitment reductions beginning after January 30, 2016 as well as scheduled commitment reductions totaling \$30,000, allocated proportionately between the Aggregate Revolving A and B commitments. On April 30, 2016, the first committed reduction of \$5,000 decreased the existing revolving commitment to \$355,000, subject to the Company's pro forma compliance with financial covenants.

Table of Contents

Borrowings under the Credit Agreement bear interest, at the Company's option, at LIBOR or the base (or "prime") rate established from time to time by the administrative agent, in each case plus an applicable margin. The Fifth Amendment provided for an interest rate margin on LIBOR loans of 1.50% to 4.00% and of 0.50% to 3.00% on base rate loans depending on the Company's leverage ratio.

The Credit Agreement contains customary restrictive and financial covenants, including covenants regarding the Company's outstanding indebtedness and maximum leverage and interest coverage ratios. The Credit Agreement also contains standard provisions relating to conditions of borrowing. In addition, the Credit Agreement contains customary events of default, including the non-payment of obligations by the Company and the bankruptcy of the Company. If an event of default occurs, all amounts outstanding under the Credit Agreement may be accelerated and become immediately due and payable. The Company was in compliance with the financial covenants as of July 31, 2016, and October 31, 2015.

After considering letters of credit of \$5,080 that the Company has issued, unused commitments under the Credit Agreement were \$95,220 at July 31, 2016.

Borrowings under the Credit Agreement are collateralized by a first priority security interest in substantially all of the tangible and intangible property of the Company and its domestic subsidiaries and 65% of the stock of foreign subsidiaries.

Other Debt:

On September 2, 2013, the Company entered into an equipment security note that bears interest at a fixed rate of 2.47% and requires monthly payments of \$44 through September 2018. As of July 31, 2016, \$1,121 remained outstanding under this agreement and \$510 was classified as current debt and \$611 was classified as long-term debt in the Company's condensed consolidated balance sheets.

The Company maintains capital leases for equipment used in its manufacturing facilities with lease terms expiring between 2018 and 2020. As of July 31, 2016, the present value of minimum lease payments under its capital leases amounted to \$4,810.

Derivatives:

On February 25, 2014, the Company entered into an interest rate swap with an aggregate notional amount of \$75,000 designated as a cash flow hedge to manage interest rate exposure on the Company's floating rate LIBOR based debt under the Credit Agreement. The interest rate swap is an agreement to exchange payment streams based on the notional principal amount. This agreement fixes the Company's future interest payments at 2.74% plus the applicable rate (defined above), on an amount of the Company's debt principal equal to the then-outstanding swap notional amount. The forward interest rate swap commenced on March 1, 2015 with an initial \$25,000 base notional amount. The second notional amount of \$25,000 commenced on September 1, 2015 and the final notional amount of \$25,000 commenced on March 1, 2016. The base notional amount plus each incremental addition to the base notional amount has a five year maturity of February 29, 2020, August 31, 2020 and February 28, 2021, respectively. On the date the interest swap was entered into, the Company designated the interest rate swap as a hedge of the variability of cash flows to be paid relative to its variable rate monies borrowed. Any ineffectiveness in the hedging relationship is recognized immediately into earnings. The Company determined the mark-to-market adjustment for the interest rate swap to be a loss of \$230 and a loss of \$700, net of tax, for the three and nine months ended July 31, 2016, respectively, which is reflected in other comprehensive income (loss). The base notional amounts of \$25,000 each or \$75,000 total that commenced during 2015 and the first nine months of fiscal 2016 resulted in realized losses of \$436 and \$1,102 of interest expense related to the interest rate swap settlements for the three and nine months ended July 31, 2016, respectively. Interest expense related to the interest rate swap settlements was \$108 for both the three and

nine months ended July 31, 2015 as the Company entered into the swap during the second quarter of fiscal 2015.

Table of Contents

Scheduled repayments of debt for the next five years are listed below:

	Credit	Equipment		
Twelve Months Ending July 31,		Security	Lease	Total
	Agreement	Note	Obligations	
2017	\$ —	\$ 510	\$ 897	\$1,407
2018	_	523	881	1,404
2019	_	88	741	829
2020	254,700	_	393	255,093
2021		_	1,898	1,898
Total	\$ 254,700	\$ 1,121	\$ 4,810	\$260,631

Note 10—Pension and Other Post-Retirement Benefit Matters

U.S. Plans

The components of net periodic benefit cost for the three and nine months ended July 31, 2016 and 2015 are as follows:

			Other				
	Pension	Benefits	Post-Retirement				
			Benefits				
	Three M	lonths	Three Months				
	Ended Ju	uly 31,	Ended July 31,				
	2016	2015	2016	2015			
Interest cost	\$892	\$ 866	\$ 4	\$ 6			
Expected return on plan assets	(1,142)	(1,174)	_	_			
Amortization of net actuarial loss	310	297	3	7			
Net periodic (benefit) cost	\$ 60	\$(11)	\$ 7	\$ 13			

	Pension	Benefits	Other Post-Retirement Benefits				
	Nine Mo	onths	Nine Mo	onths			
	Ended Ju	ıly 31,	Ended July 31,				
	2016	2015	2016	2015			
Interest cost	\$2,675	\$2,599	\$ 12	\$ 18			
Expected return on plan assets	(3,426)	(3,523)	_				
Amortization of net actuarial loss	930	890	9	21			
Net periodic (benefit) cost	\$179	\$(34)	\$ 21	\$ 39			

The Company made one contribution of \$950 to the defined pension plans during the nine months ended July 31, 2016 and \$950 and \$2,820 to the defined pension plans during the three and nine months ended July 31, 2015, respectively. No further contributions for the remainder of fiscal 2016 are required.

Non-U.S. Plans

For the Company's Swedish operations, the majority of the pension obligations are covered by insurance policies with insurance companies. For the Company's Polish operations, the Pension obligations for the fiscal year ended 2016 are expected to be \$749 based on actuarial reports. The Polish operations recognized \$26 and \$78 of expense for the three and nine months ended July 31, 2016 and \$29 and \$87 of expense for the three and nine months ended July 31, 2015, respectively.

Note 11—Stock Incentive Compensation (amounts in thousands except number of shares and per share data)
Stock Incentive Compensation falls under the scope of FASB ASC Topic 718 "Compensation – Stock Compensation" and affects the stock awards that have been granted and requires the Company to expense share-based payment ("SBP") awards with compensation cost for SBP transactions measured at fair value. For stock options, the Company has elected to use the simplified

Table of Contents

method of calculating the expected term and historical volatility to compute fair value under the Black-Scholes option-pricing model. The risk-free rate for periods within the contractual life of the option is based on the U.S. zero coupon Treasury yield in effect at the time of grant. Forfeitures have been estimated based upon the Company's historical experience. For restricted stock and restricted stock units, the Company is computing fair value based on a twenty day Exponential Moving Average ("EMA") as of the close of business the Friday preceding the award date. 2016 Equity and Incentive Compensation Plan

On March 9, 2016, stockholders approved and adopted the 2016 Equity and Incentive Compensation Plan ("2016 Plan") which replaced the Amended and Restated 1993 Key Employee Stock Incentive Program. The 2016 Plan authorizes the Compensation Committee of the Board of Directors of the Company to grant to officers and other key employees, including directors, of the Company and its subsidiaries (i) option rights, (ii) appreciation rights, (iii) restricted shares, (iv) restricted stock units, (v) cash incentive awards, performance shares and performance units and (vi) other awards. An aggregate of 1,500,000 shares of Common Stock, subject to adjustment upon occurrence of certain events to prevent dilution or expansion of the rights of participants that might otherwise result from the occurrence of such events, was reserved for issuance pursuant to the Incentive Plan. An individual's award of option and / or appreciation rights is limited to 500,000 shares during any calendar year. Also, an individual's award of restricted shares, restricted share units and performance based awards is limited to 350,000 shares during any calendar year.

The Compensation Committee of our Board of Directors approved the grant of restricted stock and restricted stock units under both the Amended and Restated 1993 Key Employee Stock Incentive Program and the 2016 Equity and Incentive Compensation Plan shown in the table below during the nine months ended July 31, 2016:

Granted 20-Day EMA

Restricted Stock (1) 312,250 \$4.30 Restricted Stock Units (2) 21,539 \$4.17

- (1) 32,394 shares issued under the Amended and Restated 1993 Key Employee Stock Incentive Program and 279,856 shares issued under the 2016 Equity and Incentive Compensation Plan.
- (2) 21,539 units issued under the 2016 Equity and Incentive Compensation Plan.

The following table summarizes the Company's Incentive Plan activity for the nine months ended July 31, 2016 and 2015:

Stock Options				Restricted	Restricted Stock Units			
Outstanding at:	Ontions		Weighted Average Remaining Contractual Life	Restricted Shares	120 Day EMA (1)	Weighted Average Remaining Contractual Life	Restricte Share Units	Day EMA (1)
November 1, 2014	123,333	\$9.69	5.15	116,881	\$16.81	2.58		
Granted	_			23,332	\$14.17		_	
Options exercised				ŕ				
or restricted stock	(19,317)	\$8.19		(48,129)	\$16.70		_	_
vested								
Forfeited or expired	(11,350)	\$11.58		(6,750)	\$20.64		_	_
July 31, 2015	92,666	\$9.77	4.26	85,334	\$15.84	1.81		
November 1, 2015	90,666	\$9.70	4.10	124,255	\$13.77	2.28		_
Granted				312,250	\$4.30		21,539	\$4.17
Options exercised								
or restricted stock vested	_	_		(25,958)	\$16.53			_

Forfeited or expired (1,000) \$12.04 (5,817) \$5.71 — — — July 31, 2016 89,666 \$9.67 3.34 404,730 \$6.40 2.00 21,539 \$4.17 (1) 20-day EMA effective with commencement of the 2016 Plan on March 9, 2016.

Table of Contents

The Company recorded stock compensation expense related to stock options, restricted stock and restricted stock units during the three and nine months ended July 31, 2016 and 2015 as follows:

Three	;	Nine			
Mont	hs	Months			
Ende	d July	Ended July			
31,		31,			
2016	2015	2016	2015		
\$ —	\$—	\$—	\$15		
319	309	761	836		
14	_	23	_		
\$333	\$309	\$784	\$851		
	Mont Ended 31, 2016 \$— 319	31, 2016 2015 \$— \$— 319 309 14 —	Months Month Ended July Ended 31, 31, 2016 2015 2016 \$— \$— \$— 319 309 761		

Stock Options

The exercise price of each stock option equals the market price of the Company's common stock on its grant date. Compensation expense is recorded at the grant date fair value, less an estimated forfeiture amount, and is recognized on a straight-line basis over the applicable vesting period. The Company's stock options generally vest over three years, with a maximum term of ten years. Incentive stock options were not granted during the three and nine months ended July 31, 2016 and 2015.

Stock options were not exercised during the three and nine months ended July 31, 2016. Options that have an exercise price greater than the market price are excluded from the intrinsic value computation. At both July 31, 2016 and July 31, 2015, the exercise price of some of the Company's stock option grants were higher than the market value of the Company's stock. At July 31, 2016 and July 31, 2015, the options outstanding and exercisable had an intrinsic value of \$183 and \$244, respectively.

Restricted Stock Awards

The grant date fair value of each restricted stock award equals the fair value of the Company's common stock based on a 20 day exponential moving average as of the close of business on the Friday preceding the award date. Compensation expense is recorded at the grant date fair value, less an estimated forfeiture amount, and is recognized over the applicable vesting periods. The vesting periods range between one to four years. As of July 31, 2016, there was approximately \$1,827 of total unrecognized compensation expense related to non-vested restricted stock that is expected to be recognized over the next three fiscal years.

Restricted Stock Units

The grant date fair value of each restricted stock unit equals the fair value of the Company's common stock based on a 20 day exponential moving average as of the close of business on the Friday preceding the award date. Compensation expense is recorded at the grant date fair value, less an estimated forfeiture amount, and is recognized over the applicable vesting periods. The vesting periods range between one to three years. As of July 31, 2016, there was approximately \$62 of total unrecognized compensation expense related to these restricted stock units that is expected to be recognized over the next three fiscal years.

Table of Contents

Earnings per Share

Basic earnings per share is computed by dividing net income (loss) available to common stockholders by the weighted average number of shares of Common Stock outstanding during the period. In addition, the shares of Common Stock issuable pursuant to stock options outstanding under the Amended and Restated 1993 Key Employee Stock Incentive Program are included in the diluted earnings per share calculation to the extent they are dilutive. For the nine months ended July 31, 2016 and 2015, approximately 360 and 120 stock awards, respectively, were excluded from the computation of diluted earnings per share because they were anti-dilutive. The following is a reconciliation of the numerator and denominator of the basic and diluted earnings per share computation for net income per share:

(Shares in thousands)		Ionths	Nine Months			
(Shares in thousands)	Ended J	uly 31,	Ended July 31,			
	2016	2015	2016	2015		
Net income (loss) available to common stockholders	\$(349)	\$1,981	\$(2,351)	\$10,777		
Basic weighted average shares	17,614	17,227	17,614	17,220		
Effect of dilutive securities:						
Stock options		19		27		
Diluted weighted average shares	17,614	17,246	17,614	17,247		
Basic income (loss) per share	\$(0.02)	\$0.11	\$(0.13)	\$0.63		
Diluted income (loss) per share	\$(0.02)	\$0.11	\$(0.13)	\$0.62		

Note 12—Fair Value of Financial Instruments

The methods used by the Company may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Company believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Assets and liabilities remeasured and disclosed at fair value on a recurring basis at July 31, 2016 and October 31, 2015 are set forth in the table below:

	Asset (Liability	_/)	Level 2	Valuation Technique
October 31, 2015:				
Interest Rate Swap Contracts	\$ (4,989)	\$(4,989)	Income Approach
Marketable Securities	356		356	Income Approach
July 31, 2016:				
Interest Rate Swap Contracts	(6,087)	(6,087)	Income Approach
Marketable Securities	\$ 124		\$124	Income Approach

The Company calculates the fair value of its interest rate swap contracts, using quoted interest rate curves, to calculate forward values, and then discounts the forward values.

The discount rates for all derivative contracts are based on quoted swap interest rates or bank deposit rates. For contracts which, when aggregated by counterparty, are in a liability position, the rates are adjusted by the credit spread that market participants would apply if buying these contracts from the Company's counterparties.

The Company calculates the fair value of its marketable securities by using the closing stock price on the last business day of the quarter.

Table of Contents

Note 13—Accumulated Other Comprehensive Loss

Changes in accumulated other comprehensive loss in stockholders' equity by component for the three months ended July 31, 2016 is as follows:

	Pension			Interest		Foreign		Accumulate	d
	and Post	Marketa	ble		_	Currency			u
	Retirement	Securitie	S	Rate Swap		Translatio	n	Other	
	Plan	Adjustm	ent	Adjustme	nı	Adjustmen	nt	Comprehens	sive
	Liability	3		(1)		(2)		Loss	
Balance at April 30, 2016	\$(28,413)	\$ (461)	\$ (3,646)	\$ (15,687)	\$ (48,207)
Other comprehensive income (loss)	198	(38)	(666)	(2,655)	(3,161)
Amounts reclassified from accumulated other comprehensive loss	_	_		436		218		654	
Net current-period other comprehensive income (loss)	198	(38)	(230)	(2,437)	(2,507)
Balance at July 31, 2016	\$(28,215)	\$ (499)	\$ (3,876)	\$ (18,124)	\$ (50,714)

Changes in accumulated other comprehensive loss in stockholders' equity by component for the nine months ended July 31, 2016 is as follows:

	Pension and Post Retirement Plan Liability	Marketab Securities Adjustme	3	Rate Swa	_	Foreign Currency Translatio Adjustment (2)		Accumulated Other Comprehens Loss	
Balance at October 31, 2015	\$(28,809)	\$ (341)	\$ (3,176)	\$(17,723)	\$ (50,049)
Other comprehensive income (loss)	594	(158)	(1,802)	(768)	(2,134)
Amounts reclassified from accumulated other comprehensive loss	_	_		1,102		367		1,469	
Net current-period other comprehensive income (loss)	594	(158)	(700)	(401)	(665)
Balance at July 31, 2016	\$(28,215)	\$ (499)	\$ (3,876)	\$ (18,124)	\$ (50,714)

⁽¹⁾ Amounts reclassified from accumulated other comprehensive loss, net of tax are classified with interest expense included in the statements of operations.

Note 14—Business Segment Information

For the nine months ended July 31, 2016, the Company conducted its business and reported its information as one operating segment - Automotive and Commercial Vehicles. The Chief Operating Decision Maker has been identified as the Senior Leadership Team ("SLT"), which includes all Vice Presidents plus the Chief Executive Officer of the Company as this team has the final authority over performance assessment and resource allocation decisions. In determining that one operating segment is appropriate, the Company considered the nature of the business activities, the existence of managers responsible for the operating activities and information presented to the Board of Directors for its consideration and advice. Customers and suppliers are substantially the same in the automotive and commercial vehicle industry.

⁽²⁾ Amounts reclassified from accumulated other comprehensive loss, net of tax are classified with foreign currency translation included in the statements of operations.

Table of Contents

Revenues of foreign geographic regions are attributed to external customers based upon the location of the entity recording the sale. These foreign revenues represent 16.6% and 16.9% for the three and nine months ended July 31, 2016, respectively, and 15.0% and 16.1% for the three and nine months ended July 31, 2015, respectively.

	Three Months			Nine Months Ended				
	Ended Jul	y 31	Ι,	July 31,				
	Revenues			Revenues				
Geographic Region:	2016	201	15	2016	2015			
United States	\$207,485	\$22	26,038	\$651,526	\$658,326			
Europe	\$32,766	\$30	0,387	\$105,571	\$96,154			
Rest of World	\$8,581	\$9,	646	\$27,054	\$29,756			
Total Company	\$248,832	\$20	66,071	\$784,151	\$784,236			
	Three Months Ended July 31,		•					
	Foreign	Foreign For		eign				

Geographic Region: 2016 2015 2016 2015 Europe \$230 \$206 \$189 \$(622) Rest of World \$245 \$(146) \$258 \$(193)

Currency

The foreign currency (gain) loss is included as a component of other (income) expense in the condensed consolidated statements of operations.

Long-lived assets consist primarily of net property, plant and equipment, goodwill and intangibles.

Currency

 Long-Lived Assets

 Geographic Region:
 July 31, October

 2016
 31, 2015

 United States
 \$261,206
 \$276,407

 Europe
 \$50,405
 \$43,166

 Rest of World
 \$20,217
 \$20,582

 Total Company
 \$331,828
 \$340,155

Note 15—Commitments and Contingencies

Litigation:

A securities class action lawsuit was filed on September 21, 2015 in the United States District Court for the Southern District of New York against the Company and certain of its officers (the President and Chief Executive Officer and Vice President of Finance and Treasurer). As amended, the lawsuit claims in part that the Company issued inaccurate information to investors about, among other things, the Company's earnings and income and its internal controls over financial reporting for fiscal 2014 and the first and second fiscal quarters of 2015 in violation of the Securities Exchange Act of 1934. The amended complaint seeks an award of damages in an unspecified amount on behalf of a putative class consisting of persons who purchased the Company's common stock between January 12, 2015 and September 14, 2015, inclusive. The Company and such officers filed a Motion to Dismiss this lawsuit with the United States District Court for the Southern District of New York on April 18, 2016.

A shareholder derivative lawsuit was filed on April 1, 2016 in the Court of Common Pleas, Medina County, Ohio against the Company's President and Chief Executive Officer and Vice President of Finance and Treasurer and members of the Company's Board of Directors. The lawsuit claims in part that the defendants breached their fiduciary duties owed to the Company by failing to exercise appropriate oversight over the Company's accounting controls, leading to the accounting issues and the restatement announced in September 2015. The complaint seeks a judgment

against the individual defendants and in favor of the Company for money damages, plus miscellaneous non-monetary relief. On May 2, 2016, the Court entered a stipulated order staying this case pending the outcome of the Motion to Dismiss in the securities class action lawsuit described in the previous paragraph.

In addition, from time to time, the Company is involved in legal proceedings, claims or investigations that are incidental to the conduct of its business. The Company vigorously defends itself against such claims. In future periods, the Company could

Table of Contents

be subject to cash costs or non-cash charges to earnings if a matter is resolved on unfavorable terms. However, although the ultimate outcome of any legal matter cannot be predicted with certainty, based on current information, including its assessment of the merits of the particular claims, the Company does not expect that its legal proceedings or claims will have a material impact on its future consolidated financial condition, results of operations or cash flows.

Table of Contents

FORWARD-LOOKING STATEMENTS

Certain statements made by Shiloh in this Quarterly Report on Form 10-Q regarding the Company's operating performance, events or developments that the Company believes or expects to occur in the future, including those that discuss strategies, goals, outlook or other non-historical matters, or which relate to future sales, earnings expectations, cost savings, awarded sales, volume growth, earnings or general belief in the Company's expectations of future operating results are "forward-looking" statements within the meaning of the Private Securities Litigation Reform Act of 1995.

The forward-looking statements are made on the basis of management's assumptions and expectations. As a result, there can be no guarantee or assurance that these assumptions and expectations will in fact occur. The forward-looking statements are subject to risks and uncertainties that may cause actual results to materially differ from those contained in the statements.

Listed below are some of the factors that could potentially cause actual results to differ materially from expected future results. Other factors besides those listed here could also materially affect the Company's business.

The Company's ability to accomplish its strategic objectives.

The Company's ability to obtain future sales.

Changes in worldwide economic and political conditions, including adverse effects from terrorism or related hostilities.

Costs related to legal and administrative matters.

The Company's ability to realize cost savings expected to offset price concessions.

The Company's ability to successfully integrate acquired businesses, including businesses located outside of the United States. Risks associated with doing business internationally, including economic, political and social instability, foreign currency exposure and the lack of acceptance of its products.

Inefficiencies related to production and product launches that are greater than anticipated; changes in technology and technological risks.

Work stoppages and strikes at the Company's facilities and that of the Company's customers or suppliers.

The Company's dependence on the automotive and heavy truck industries, which are highly cyclical.

The dependence of the automotive industry on consumer spending, which is subject to the impact of domestic and international economic conditions affecting car and light truck production.

• Regulations and policies regarding international trade.

Financial and business downturns of the Company's customers or vendors, including any production cutbacks or bankruptcies. Increases in the price of, or limitations on the availability of, steel, aluminum or magnesium, the Company's primary raw materials, or decreases in the price of scrap steel.

The successful launch and consumer acceptance of new vehicles for which the Company supplies parts. The occurrence of any event or condition that may be deemed a material adverse effect under the Company's outstanding indebtedness or a decrease in customer demand which could cause a covenant default under the Company's outstanding indebtedness.

Pension plan funding requirements.

See "Part I, Item 1A. Risk Factors" in the Company's Annual Report on Form 10-K for the fiscal year ended October 31, 2015 for a more complete discussion of these risks and uncertainties. Any or all of these risks and uncertainties could cause actual results to differ materially from those reflected in the forward-looking statements. These forward-looking statements reflect management's analysis only as of the date of filing this Quarterly report on Form 10-O.

The Company undertakes no obligation to publicly revise these forward-looking statements to reflect events or circumstances that arise after the date of filing this Quarterly Report on Form 10-Q. In addition to the disclosures contained herein, readers should carefully review risks and uncertainties contained in other documents the Company files from time to time with the SEC.

Table of Contents

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (Dollars in thousands, except per share data)

General

The Company is a global innovative solutions provider to the automotive, commercial vehicle and industrial segments with a strategic focus on designing, engineering and manufacturing lightweight technologies that improve performance and benefit the environment. Shiloh offers the broadest portfolio of lightweighting solutions in the industry through their BlankLight®, CastLight™ and StampLight™ brands and is uniquely qualified to supply product solutions utilizing multiple lightweighting solutions. This includes combining castings and stampings or innovative, multi-material products in aluminum, magnesium and steel. Shiloh designs and manufactures components in body, chassis and powertrain systems with expertise in precision blanks, ShilohCore™ acoustic laminates, aluminum and steel laser welded blanks, complex stampings, modular assemblies, aluminum and magnesium die casting, as well as precision machined components. The company has over 3,500 dedicated employees with operations, sales and technical centers throughout Asia, Europe and North America.

Recent Trends and General Economic Conditions Affecting the Automotive Industry

The Company's business and operating results are directly affected by the relative strength of the North American and European automotive industries, which are driven by macro-economic factors such as gross domestic product growth, consumer income and confidence levels, fluctuating commodity, currency and gasoline prices, automobile discount and incentive offers and perceptions about global economic stability. The automotive industry remains susceptible to these factors that impact consumer spending habits and could adversely impact consumer demand for vehicles. The Company's products are included in many models of vehicles manufactured by nearly all OEMs that produce vehicles in Europe and North America. The Company's revenues were dependent upon the production of automobiles and light trucks in both Europe and North America. According to industry statistics (published by IHS Automotive in August 2016), Europe and North America production volumes for the three and nine months ended July 31, 2016 and 2015 were as follows:

Production Volumes	Three Months Ended July 31,			Nine Months Ended July 31,			
	2016		2015	2016		2015	
	(Num	be	r of	(Number of			
	Vehic	les	in	Vehicl	es	in	
	Thous	san	ds)	Thous	and	s)	
Europe	5,602		5,466	16,381		15,932	
North America	4,393		4,343	13,058		12,723	
Total	9,995		9,809	29,439		28,655	
Europe:							
Increase from prior year	136			449			
% Increase from prior year North America		%		2.8	%		
Increase from prior year	50			335			
% Increase from prior year	1.2	%		2.6	%		
Total							
Increase from prior year	186			784			
% Increase from prior year	1.9	%		2.7	%		

Both Europe and North America continue to see an increase in production levels, primarily due to increased consumer demand, as a result of an improvement in economic conditions and higher consumer confidence. The Company is cautiously optimistic that consumer demand levels will remain steady and continues to closely monitor customer release volumes even though the overall economic environment reflects improvement and there is evidence that the North American economy is strengthening. However, the Company will continue to monitor changes that could adversely impact consumer demand for vehicles, such as government fiscal policy which could impact levels of unemployment and consumer confidence.

The Company operates in an extremely competitive industry, driven by global vehicle production volumes. Business is typically awarded to the supplier offering the most favorable combination of cost, quality, technology and service. Customers continue to demand periodic cost reductions that require the Company to assess, redefine and improve operations, products, and

Table of Contents

manufacturing capabilities to maintain and improve profitability. Management continues to develop and execute initiatives designed to meet challenges of the industry and to achieve its strategy for sustainable global profitable growth.

Capacity utilization levels are very important to profitability because of the capital-intensive nature of the Company's operations. The Company continues to adapt its capacity to meet customer demand, both expanding capabilities in growth areas as well as reallocating capacity between manufacturing facilities as needs arise. The Company employs new technologies to differentiate its products from its competitors and to achieve higher quality and productivity. The Company believes that it has sufficient capacity to meet its current and expected manufacturing needs.

Most of the steel purchased for the Company's stamping and engineered welded blank products is purchased through the customers' steel buying programs. Under these programs, the customer negotiates the price for steel with the steel suppliers. The Company pays for the steel based on these negotiated prices and passes on those costs to the customer. Although the Company takes ownership of the steel, the customers are responsible for all steel price fluctuations under these programs. The Company also purchases steel directly from domestic primary steel producers and steel service centers.

We refer to the "net steel impact" as the combination of the change in steel prices that are reflected in the price of our products, the change in the cost to procure steel from the source, and the change in our recovery of offal. Our strategy is to be economically neutral to steel pricing by having these factors offset each other. As the price of steel has declined, so has the scrap metal market, partially impacting our current year performance.

The Company blanks and processes steel for some of its customers on a toll processing basis. Under these arrangements, the Company charges a tolling fee for the operations that it performs without acquiring ownership of the steel and being burdened with the attendant costs of ownership and risk of loss. Revenues from operations involving directly owned steel include a component of raw material cost whereas toll processing revenues do not. For the Company's aluminum and magnesium die casting operations, the cost of aluminum and magnesium may be handled one of two ways. The primary method is to secure quarterly aluminum and magnesium purchase commitments based on customer releases and then pass the quarterly price changes to those customers utilizing published metal indices. The second method is to adjust prices monthly based on a referenced metal index plus additional material cost spreads agreed to by the Company and its customers.

Critical Accounting Policies

Preparation of the Company's condensed consolidated financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the condensed consolidated financial statements and accompanying notes. The Company believes its estimates and assumptions are reasonable; however, actual results and the timing of the recognition of such amounts could differ from those estimates. The Company has identified the following items as critical accounting policies and estimates utilized by management in the preparation of the Company's financial statements. These estimates were selected because of inherent imprecision that may result from applying judgment to the estimation process. The expenses and accrued liabilities or allowances related to these policies are initially based on the Company's best estimates at the time they are recorded. Adjustments are charged or credited to income and the related balance sheet account when actual experience differs from the expected experience underlying the estimates. The Company makes frequent comparisons of actual experience and expected experience in order to mitigate the likelihood that material adjustments will be required.

Revenue Recognition. The Company recognizes revenue from the sales of products when there is evidence of a sales agreement, the delivery of goods has occurred, the sales price is fixed or determinable and collectability of revenue is reasonably assured. The Company records revenues upon shipment of product to customers and transfer of title under standard commercial terms. Price adjustments, including those arising from resolution of quality issues, price and

quantity discrepancies, surcharges for fuel and/or steel and other commercial issues, are recognized in the period when management believes that such amounts become probable, based on management's estimates. The Company enters into tooling contracts with customers in the development of molds, dies and tools (collectively, "tooling") to be sold to such customers. The Company primarily records tooling revenues and costs net in cost of sales at the time of completion and final billing to the customer. These billings are recorded as progress billings (a reduction of the associated tooling costs) until the appropriate revenue recognition criteria have been met. The tooling contracts are separate arrangements between the Company and customer and are recorded on a gross or net basis in accordance with current applicable revenue recognition accounting literature.

Allowance for Doubtful Accounts. The Company evaluates the collectability of accounts receivable based on several factors. In circumstances where the Company is aware of a specific customer's inability to meet its financial obligations, a specific

Table of Contents

allowance for doubtful accounts is recorded against amounts due to reduce the net recognized receivable to the amount the Company reasonably believes will be collected. Additionally, a general allowance for doubtful accounts is estimated based on historical experience of write-offs and the current financial condition of customers. The financial condition of the Company's customers is dependent on, among other things, the general economic environment, which may substantially change, thereby affecting the recoverability of amounts due to the Company from its customers.

The Company carefully assesses its risk with each of its customers and considers compliance with terms and conditions, aging of the customer accounts, intelligence learned through contact with customer representatives and right of offset of its net account receivable / account payable position with customers, if applicable, in establishing the allowance.

Inventory Reserves. Inventories are valued at the lower of cost or market. Cost is determined on the first-in, first-out basis. Where appropriate, standard cost systems are used to determine cost and the standards are adjusted as necessary to ensure they approximate actual costs. Estimates of lower of cost or market value of inventory are based upon current economic conditions, historical sales quantities and patterns, and in some cases, the specific risk of loss on specifically identified inventories.

The Company values inventories on a regular basis to identify inventories on hand that may be obsolete or in excess of current future projected market demand. For inventory deemed to be obsolete, the Company provides a reserve for the full value of the inventory, net of estimated realizable value. Inventory that is in excess of current and projected use is reduced by an allowance to a level that approximates future demand. Additional inventory reserves may be required if actual market conditions differ from management's expectations.

The Company continues to monitor purchases of inventory to ensure its supply chain is optimized, thereby reducing the economic risk of holding excessive levels of inventory that could result in long holding periods or in unsalable inventory leading to losses in conversion.

Pre-production and development costs. The Company enters into contractual agreements with certain customers to develop tooling. All such tooling contracts relate to parts that the Company will supply to customers under supply agreements. Tooling costs are capitalized in prepaid expenses and other assets determined by the fact that tooling contracts are separate from standard production contracts. The classification in prepaid or other assets is based upon the period of reimbursement from customer as either short-term or long-term.

Income Taxes. The Company utilizes the asset and liability method in accounting for income taxes. Income tax expense includes U.S. and international income taxes minus tax credits and other incentives that will reduce tax expense in the year they are claimed. Deferred taxes are recognized at currently enacted tax rates for temporary differences between the financial accounting and income tax basis of assets and liabilities and operating losses and tax credit carryforwards. Valuation allowances are recorded to reduce net deferred tax assets to the amount that is more likely than not to be realized. The Company assesses both positive and negative evidence when measuring the need for a valuation allowance. Evidence typically assessed includes the operating results for the most recent three-year period, expectations of future profitability, available tax planning strategies, the time period over which the temporary differences will reverse and taxable income in prior carryback years if carryback is permitted under the tax law. The calculation of the Company's tax liabilities also involves dealing with uncertainties in the application of complex tax laws and regulations. The Company recognizes liabilities for uncertain income tax positions based on the Company's estimate of whether, and the extent to which, additional taxes will be required. The Company reports interest and penalties related to uncertain income tax positions as income taxes. U.S. income taxes and foreign withholding taxes are not provided on undistributed earnings of foreign subsidiaries because it is expected such earnings will be permanently reinvested in the operations of such subsidiaries or to pay down third party European debt.

Business Combinations. The Company includes the results of operations of the businesses that it acquires as of the respective dates of acquisition. The Company allocates the fair value of the purchase price of its acquisitions to the

tangible and intangible assets acquired, and liabilities assumed, based on their estimated fair values. The excess of the purchase price over the fair values of these identifiable assets and liabilities is recorded as goodwill.

Impairment of Long-lived Assets and Intangible Assets. The Company performs an annual impairment analysis of long-lived assets. However, when significant events, which meet the definition of a "triggering event" in the context of assessing asset impairments, occur within the industry or within the Company's primary customer base, an interim impairment analysis is performed. The analysis consists of reviewing the outlook for sales, profitability, earnings before interest, taxes and depreciation and cash flow for each of the Company's manufacturing plants and for the overall Company. The outlook considers known sales opportunities for which purchase orders exist, potential sale opportunities that are under development, third party forecasts of North American and European car builds (published by IHS Automotive), the potential sales that could result from new

Table of Contents

manufacturing process additions and strategic geographic localities that are important to servicing the automotive industry. This data is collected as part of its annual planning process and is updated with more current Company specific and industry data when an interim period impairment analysis is deemed necessary. In concluding the impairment analysis, the Company incorporates a sensitivity analysis by probability weighting the achievement of the forecasted cash flows by plant and achievements of cash flows that are 20% greater and less than the forecasted amounts.

The property, plant and equipment included in the analysis for each plant represents factory facilities devoted to the Company's manufacturing processes and the related equipment within each plant needed to perform and support those processes. The property, plant and equipment of each plant form each plant's asset group and typically certain key assets in the group form the primary processes at that plant that generate revenue and cash flow for that facility. Certain key assets have a life of ten to twelve years and the remainder of the assets in the asset group are shorter-lived assets that support the key processes. When the analysis indicates that estimated future undiscounted cash flows of a plant are less than the net carrying value of the long-lived assets of such plant, to the extent that the assets cannot be redeployed to another plant to generate positive cash flow, the Company will record an impairment charge, reducing the net carrying value of the fixed assets (exclusive of land and buildings, the fair value of which would be assessed through appraisals) to zero. Alternative courses of action to recover the carrying amount of the long-lived asset group are typically not considered due to the limited-use nature of the equipment and the full utilization of their useful life. Therefore, the equipment is of limited value in a used-equipment market. The depreciable lives of the Company's fixed assets are generally consistent between years unless the assets are devoted to the manufacture of a customized automotive part and the equipment has limited reapplication opportunities for other parts. If the production of that part concludes earlier than expected, the asset life is shortened to fully amortize its remaining value over the shortened production period.

The Company cannot predict the occurrence of future impairment-triggering events. Such events may include, but are not limited to, significant industry or economic trends and strategic decisions made in response to changes in the economic and competitive conditions impacting the Company's business. The Company recorded an impairment charge of \$273 related to long-lived assets during the nine months ended July 31, 2016. The Company continues to assess impairment to long-lived assets based on expected orders from the Company's customers and current business conditions.

The key assumptions related to the Company's forecasted operating results could be adversely impacted by, among other things, decreases in estimated North American and European car builds during the forecast period, the inability of the Company or its major customers to maintain their respective forecasted market share positions, the inability of the Company to achieve the forecasted levels of operating margins on parts produced, and a deterioration in property values associated with manufacturing facilities.

Intangible Assets. Intangible assets with definitive lives are amortized over their estimated useful lives. The Company amortizes its acquired intangible assets with definitive lives on a straight-line basis over periods ranging from three months to fifteen years. See Note 8 to the condensed consolidated financial statements for a description of the current intangible assets and their estimated amortization expense.

The Company performs an annual impairment analysis of intangible assets and is included as a component of the annual impairment of long-lived assets.

Goodwill, which represents the excess cost over the fair value of the net assets of businesses acquired, was approximately \$28,509 as of July 31, 2016, or 5% of its total assets, and approximately \$28,843 as of October 31, 2015, or 4% of its total assets.

In accordance with ASC 350, Intangibles-Goodwill and Other, the Company assesses goodwill for impairment on an annual basis. Such assessment can be done on a qualitative or quantitative basis. To qualitatively assess the likelihood of goodwill being impaired, the Company considers the following factors at the reporting unit level: the excess of fair value over carrying value as of the last impairment test, the length of time since the last fair value measurement, the carrying value, market and industry metrics, actual performance compared to forecasted performance, and its current outlook on the business. If the qualitative assessment indicated it is more likely than not that goodwill is impaired, the Company will perform quantitative impairment testing at the reporting unit level.

To quantitatively test goodwill for impairment, the Company estimates the fair value and compares the fair value to the carrying value. If the carrying value exceeds the fair value, then a possible impairment of goodwill may exist and further evaluation is required. Fair values are based on the cash flow projected in the strategic plans and long-range planning forecasts, discounted at a risk-adjusted rate of return. Revenue growth rates included in the plans are generally based on industry specific data and known awarded business. The projected profit margins assumptions included in the plans are based in the current cost structure

Table of Contents

and anticipated productivity improvements. If different assumptions were used in the plans, the related cash flows used in measuring fair value could be different and impairment of goodwill might be required to be recorded.

Group Insurance and Workers' Compensation Accruals. The Company is primarily self-insured for group insurance and workers' compensation claims in the United States and reviews these accruals on a monthly basis to adjust the balances as determined necessary. The Company is fully insured for workers' compensation at one of its locations. For the self insured plans, the Company reviews historical claims data and lag analysis as the primary indicators of the accruals.

Additionally, the Company reviews specific large insurance claims to determine whether there is a need for additional accrual on a case-by-case basis. Changes in the claim lag periods and the specific occurrences could materially impact the required accrual balance period-to-period. The Company carries excess insurance coverage for group insurance and workers' compensation claims exceeding a range of \$160-170 and \$115-500 per plan year, respectively, dependent upon the location where the claim is incurred. At July 31, 2016 and October 31, 2015, the amount accrued for group insurance and workers' compensation claims was \$4,524 and \$4,664, respectively. The self-insurance reserves established are a result of safety statistics, changes in employment levels, number of open and active workers' compensation cases, and group insurance plan design features. The Company does not self-insure for any other types of losses.

Share-Based Compensation. The Company records compensation expense for the fair value of nonvested stock option awards, restricted stock awards and restricted stock units over the remaining vesting period. The Company has elected to use the simplified method to calculate the expected term of the stock options outstanding at five to six years and has utilized historical weighted average volatility. The Company determines the volatility and risk-free rate assumptions used in computing the fair value using the Black-Scholes option-pricing model, in consultation with an outside third party. The expected term for the restricted stock award is between three months and four years.

The Black-Scholes option valuation model requires the input of highly subjective assumptions, including the expected life of the stock-based award and stock price volatility. The assumptions used are management's best estimates, but the estimates involve inherent uncertainties and the application of management judgment. As a result, if other assumptions had been used, the recorded stock-based compensation expense could have been materially different from that depicted in the financial statements. In addition, the Company determines a forfeiture rate at the time of grant. If actual forfeitures materially differ from the estimate, the share-based compensation expense could be materially different.

The restricted stock and restricted stock units are valued based upon a 20 day EMA as of the Friday prior to the grant of an award. In addition, the Company determines a forfeiture rate at the time of grant. Share-based compensation expense is adjusted when actual forfeitures occur.

U.S. Pension and Other Post-retirement Costs and Liabilities. The Company has recorded significant pension and other post-retirement benefit liabilities that are developed from actuarial valuations for its U.S. operations. The pension plans were frozen in November of 2006 and therefore contributions are not allowed. The determination of the Company's pension liabilities requires key assumptions regarding discount rates used to determine the present value of future benefit payments and the expected return on plan assets. The discount rate is also significant to the development of other post-retirement liabilities. The Company determines these assumptions in consultation with, and after input from, its actuaries.

The discount rate reflects the estimated rate at which the pension and other post-retirement liabilities could be settled at the end of the year. For its U.S. operations, the Company uses the Principal Pension Discount Yield Curve ("Principal Curve") as the basis for determining the discount rate for reporting pension and retiree medical liabilities.

The Principal Curve has several advantages to other methods, including: transparency of construction, lower statistical errors, and continuous forward rates for all years. At October 31, 2015, the resulting discount rate from the use of the Principal Curve was 4.20%, an increase of 0.20% from a year earlier that contributed to a decrease of the benefit obligation of approximately \$215. A change of 25 basis points in the discount rate at October 31, 2015 would increase expense on an annual basis by approximately \$13 or decrease expense on an annual basis by approximately \$17.

The assumed long-term rate of return on pension assets is applied to the market value of plan assets to derive a reduction to pension expense that approximates the expected average rate of asset investment return over ten or more years. A decrease in the expected long-term rate of return will increase pension expense whereas an increase in the expected long-term rate will reduce pension expense. Decreases in the level of plan assets will serve to increase the amount of pension expense whereas increases in the level of actual plan assets will serve to decrease the amount of pension expense. Any shortfall in the actual return on plan assets from the expected return will increase pension expense in future years due to the amortization of the shortfall, whereas any excess in the actual return on plan assets from the expected return will reduce pension expense in future periods due to the

Table of Contents

amortization of the excess. A change of 25 basis points in the assumed rate of return on pension assets would increase or decrease pension assets by approximately \$168.

The Company's investment policy for assets of the plans is to maintain an allocation generally of 0% to 70% in equity securities, 0% to 70% in debt securities, and 0% to 10% in real estate. Equity security investments are structured to achieve an equal balance between growth and value stocks. The Company determines the annual rate of return on pension assets by first analyzing the composition of its asset portfolio. Historical rates of return are applied to the portfolio. The Company's investment advisors and actuaries review this computed rate of return. Industry comparables and other outside guidance are also considered in the annual selection of the expected rates of return on pension assets.

For the year ended October 31, 2015, the actual return on pension plans' assets for all of the Company's plans approximated 3.48%, which is lower than the expected rate of return on plan assets of 7.50% used to derive pension expense. The long-term expected rate of return takes into account years with exceptional gains and years with exceptional losses.

For the Company's Swedish operations, the majority of the pension obligations are covered by insurance policies with insurance companies. Pension commitments in the Company's Polish operations at October 31, 2015 were not material. The liability of these comprise the present value of future obligations and is calculated on an actuarial basis.

Actual results that differ from these estimates may result in more or less future Company funding into the pension plans than is planned by management. Based on current market investment performance, the Company anticipates that contributions to the Company's defined benefit plans will increase in fiscal 2016, and that pension expense will decrease in fiscal 2016.

Derivative Instruments and Hedging Activities. The Company records derivative instruments in the condensed consolidated balance sheet as either an asset or liability and as a component of other comprehensive loss and measured at fair value. Changes in derivative instruments' fair value are recognized currently in earnings, unless the derivative instrument has been designated as a cash flow hedge and specific cash flow hedge accounting criteria are met. Under the cash flow hedge accounting, unrealized gains and losses are reflected in stockholder's equity as accumulated other comprehensive income (loss) (AOCI) until the forecasted transaction occurs. If the cash flow hedge is deemed ineffective, the derivative's gains or losses are then recognized in the condensed consolidated statement of operation.

Foreign Currency Translation. Two of the Company's Mexican subsidiaries (Shiloh De Mexico S.A. DE C.V. and Shiloh International, S.A. DE C.V.), its Netherlands holding company, its Swedish holding company, and all U.S. subsidiaries have the functional currency of the U.S. dollar. All other entities have their respective local currency as their functional currency. The translation from the applicable foreign currencies to U.S. dollars is performed for balance sheet accounts using exchange rates in effect at the balance sheet date and for revenue and expense accounts using a weighted average exchange rate for the period. The resulting translation adjustments are recorded as a component of Other Comprehensive Income (Loss) ("OCI"). The Company engages in foreign currency denominated transactions with customers and suppliers, as well as between subsidiaries with different functional currencies. Gains and losses resulting from foreign currency transactions are recognized in net income (loss) in the condensed consolidated statements of operation.

Table of Contents

Results of Operations

Three Months Ended July 31, 2016 Compared to Three Months Ended July 31, 2015

REVENUES. Sales for the third quarter of fiscal 2016 were \$248,832 compared to sales of \$266,071 in the third quarter of fiscal 2015, a decrease of \$17,239, or 6.5%. Of the decrease in sales \$13,481 was attributable to customer production schedules and fewer shipping days in the quarter, in addition, \$3,833 was due to the reduction in volumes of Fiat Chrysler Automobiles' ("FCA") small vehicle product lines, specifically the Chrysler 200 and the Dodge Dart, \$5,047 was due to the continued softening in North America commercial vehicle volumes and \$900 was due to foreign currency translation. Offsetting the decrease in sales were favorable sales of \$5,437 in European and North American light vehicle production growth and other non-automotive sales of \$585.

GROSS PROFIT. Gross profit for the third quarter of fiscal 2016 was \$24,257, an increase of \$4,008, compared to gross profit of \$20,249 in the third quarter of fiscal 2015. Gross profit as a percentage of sales was 9.7% for the third quarter of 2016 and 7.6% for the third quarter of 2015. The 210 basis point improvement in gross margin is due to a favorable shift in product mix and lower raw material prices of \$1,947. In addition, gross profit was favorably impacted by a decrease in labor and benefits of \$1,279 which, due to their nature, includes \$695 of employee costs that were classified in selling, general and administrative expenses in 2016 and repairs and maintenance, lease expense, depreciation and other manufacturing of \$782.

SELLING, GENERAL AND ADMINISTRATIVE EXPENSES. Selling, general and administrative expenses support the growth in sales opportunities, new technologies and new product launches. Expenses were \$17,546 and \$12,246 in the third quarter of fiscal 2016 and 2015, respectively. As a percentage of sales, these expenses were 7.1% of sales for the third quarter of fiscal 2016 and 4.6% of sales for the third quarter of fiscal 2015. The increase reflects a favorable one-time accrual adjustment related to salaries and property taxes of \$1,900 in the third quarter of fiscal 2015 and in 2016, one-time plant optimization initiative expenses of \$1,000, continued investments in human capital and higher professional fees related to compliance and regulatory of \$1,685, which includes \$695 of employee costs that due to their nature, was classified in manufacturing expense in 2015 and other expenses of \$715.

INTEREST EXPENSE. Interest expense for the third quarter of fiscal 2016 was \$4,645, compared to interest expense of \$2,885 during the third quarter of fiscal 2015. The increase in interest expense was the result of the level of borrowing and rates for use of funds and higher average rates for funding acquisition activities. Borrowed funds averaged \$264,203 during the third quarter of fiscal 2016 and the weighted average interest rate was 4.94%. In the third quarter of fiscal 2015, borrowed funds averaged \$273,640 and the weighted average interest rate of debt was 3.19%.

OTHER INCOME / EXPENSE. Other expense, net was \$486 for the third quarter of fiscal 2016 and \$178 in the third quarter of fiscal 2015. Other expense, net reflect the result of currency transaction gains and losses realized by the Company's Asian, European and Mexican subsidiaries.

PROVISION / BENEFIT FOR INCOME TAXES. The provision for income taxes in the third quarter of fiscal 2016 was an expense of \$1,363 on pretax income of \$1,014 for an effective tax rate of 134.4%. The provision for income taxes in the third quarter of fiscal 2015 was an expense of \$2,480 on pretax income of \$4,461 for an effective tax rate of 55.6%. The rate difference between the current quarter and the same quarter of fiscal 2015 is driven by the fiscal 2015 return to provision adjustments, amended fiscal 2013 tax return as a result of a NOL carryback from fiscal 2015, and currency fluctuation in deferred tax assets of the Company's Mexican subsidiary.

NET INCOME / LOSS. Net loss for the third quarter of fiscal 2016 was \$349, or \$0.02 per share, diluted compared to net income for the third quarter of fiscal 2015 of \$1,981, or \$0.11 per share, diluted.

Table of Contents

Results of Operations

Nine Months Ended July 31, 2016 Compared to the Nine Months Ended July 31, 2015

REVENUES. Sales for the first nine months of fiscal 2016 were \$784,151 compared to first nine months of fiscal 2015 sales of \$784,236, a decrease of \$85. Of the decreased sales, \$16,287 was attributable to the continued softening in North America commercial vehicle volumes, \$9,481 was attributable to customer production schedules and fewer shipping days and \$12,025 was attributable to the reduction in volumes of FCAs' small vehicle product lines, specifically the Chrysler 200 and the Dodge Dart. In addition, foreign currency translation of \$5,041 negatively impacted sales revenue. Favorably impacting sales revenue was European and North American combined light vehicle production growth of \$42,658 and other non-automotive sales of \$91.

GROSS PROFIT. Gross profit for the first nine months of fiscal 2016 was \$65,016 compared to gross profit of \$66,881 in the first nine months of fiscal 2015, a decrease of \$1,865. Gross profit as a percentage of sales was 8.3% in the first nine months of fiscal 2016 and 8.5% in the first nine months of fiscal 2015. Scrap pricing unfavorably impacted cost of materials and production related expenses, decreasing gross profit by approximately \$6,233, which was offset by a positive impact of \$14,014 in product mix. Gross profit was negatively impacted by an increase in labor and benefits of approximately \$3,766, which, due to their nature, includes \$2,954 of employee costs that were classified in selling, general and administrative expenses in 2016, an increase in maintenance, repair and operations expenses of \$4,484 to support equipment and production processes related to the 2015 and 2016 product launches and an increase in depreciation and other manufacturing expenses of \$1,406.

SELLING, GENERAL AND ADMINISTRATIVE EXPENSES. Selling, general and administrative expenses support the growth in sales opportunities, new technologies, new product launches and acquisition activities. Expenses were \$52,122 and \$42,730 in the first nine months of fiscal 2016 and 2015, respectively, an increase of \$9,392. As a percentage of sales, these expenses were 6.6% of sales in the first nine months of fiscal 2016 and 5.4% of sales in the first nine months of fiscal 2015. The increase reflects one-time plant optimization initiative expenses of \$1,000, non-recurring professional fees of \$1,800, continued investments in human capital and higher professional fees related to compliance and regulatory of \$6,155, which includes \$2,954 that due to their nature, was classified in manufacturing expense in 2015, offset by favorable reductions of other expenses of \$437.

INTEREST EXPENSE. Interest expense for the first nine months of fiscal 2016 was \$13,517, compared to interest expense of \$6,714 during the first nine months of fiscal 2015. The increase in interest expense was the result of higher average borrowing of and rates for use of funds and higher average rates for funding acquisition activities. Borrowed funds averaged \$276,883 during the first nine months of fiscal 2016 and the weighted average interest rate was 4.83%. In the first nine months of fiscal 2015, borrowed funds averaged \$272,623 and the weighted average interest rate of debt was 2.67%.

OTHER INCOME / EXPENSE. Other expense, net was \$518 for the first nine months of fiscal 2016 and other income, net was \$886 in the first nine months of fiscal 2015. Both are the result of currency transaction gains and losses realized by the Company's Asian, European and Mexican subsidiaries.

PROVISION FOR INCOME TAXES. The provision for income taxes for the first nine months of fiscal 2016 was a benefit of \$479 on losses before taxes of \$2,830 for an effective tax rate of 16.9%. The provision for income taxes for the first nine months of fiscal 2015 was an expense of \$5,772 on pretax income of \$16,549 for an effective tax rate of 34.9%. The rate decrease compared to the same period of fiscal 2015 was driven by the timing of a change in U.S. tax law on the Research and Development Credit, an extension of the Alternative Fuel Tax Credit through December 31, 2016, foreign losses without tax benefit due to a full valuation allowance, amended fiscal 2013 tax return as a result of a NOL carryback from fiscal 2015 and currency fluctuation in deferred tax assets of the Company's Mexican subsidiary, partially offset by the fiscal 2015 return to provision adjustment and the U.S. FIN 48 activity in the period.

NET INCOME / LOSS. Net loss for the first nine months of fiscal 2016 was \$2,351, or \$0.13 per share, diluted. Net income for the first nine months of fiscal 2015 was \$10,777 or \$0.62 per share, diluted.

Table of Contents

Liquidity and Capital Resources

Cash Flows and Working Capital:

At July 31, 2016, total debt was \$260,631 and total equity was \$138,668, resulting in a capitalization rate of 65.3% debt, 34.7% equity. Current assets were \$269,593 and current liabilities were \$174,186, resulting in positive working capital of \$95,407.

The following table summarizes the Company's cash flows from operating, investing and financing activities:

Net Cash Provided by Operating Activities:

Nine Months Ended July 31, 2016 2015 liabilities \$36,482 \$41,461

Operational cash flow before changes in operating assets and liabilities \$36,482 \$41,461

Changes in operating assets and liabilities:

Accounts receivable	39,662 3,391
Inventories	(5,921) (7,360)
Prepaids and other assets	6,260 (8,456)
Payables and other liabilities	(26,593) (12,057)
Accrued income taxes	(1,655) 558
Total change in operating assets and liabilities	\$11,753 \$(23,924)

Net cash provided by operating activities \$48,235 \$17,537

Cash flow from operations before changes in operating assets and liabilities was \$36,482 and \$41,461 for the nine months ended July 31, 2016 and 2015, respectively. The decrease of \$4,979 is mainly driven by lower earnings in the first nine months of 2016 compared to the first nine months of 2015.

Cash inflow and outflow from changes in operating assets and liabilities:

Cash inflow from changes in operating assets and liabilities was \$11,753 for the nine months ended July 31, 2016 compared to a cash outflow of \$23,924 for the nine months ended July 31, 2015.

Cash inflows from changes in accounts receivable for the nine months ended July 31, 2016 and 2015, were \$39,662 and \$3,391, respectively. The increase was primarily due to increased efforts in collecting receivables and invoicing of customer reimbursed tooling programs as the Company's product launches have significantly increased since 2015. Cash outflows from changes in inventory for the nine months ended July 31, 2016 and the nine months ended July 31, 2015 was \$5,921 and \$7,360, respectively. The decrease was primarily driven by a change in customer mix and delivery.

Cash inflow from changes in prepaids and other assets for the nine months ended July 31, 2016 was \$6,260 compared to a cash outflow of \$8,456 for the nine months ended July 31, 2015. The change reflects the increase in customer reimbursable tooling due to the increase in product launches since 2015 and funding of preproduction supplies related to the Company's China operations.

Cash outflows from changes in payables and other liabilities for the nine months ended July 31, 2016 and 2015 was \$26,593 and \$12,057, respectively. The changes were a result of favorable raw material pricing as well as reductions in tooling investments.

Table of Contents

Cash outflows from changes in accrued income taxes for the nine months ended July 31, 2016 was \$1,655 compared to a cash inflow of \$558 for the nine months ended July 31, 2015. The changes were driven primarily by a decrease in the accrued federal income tax per the fiscal 2015 federal tax return filed during this quarter.

Net Cash Used For Investing Activities:

Net cash used in investing activities for the nine months ended July 31, 2016 and 2015 was \$16,888 and \$12,426, respectively, and consisted of capital expenditures. The expenditures are attributed to projects for new awards and product launches. The Company had unpaid capital expenditures of \$2,896 at July 31, 2016 and \$3,958 at July 31, 2015, and such amounts were included in accounts payable and excluded from capital expenditures in the accompanying condensed consolidated statement of cash flows.

Net Cash Used For Financing Activities:

Net cash used in financing activities was \$39,823 during the nine months ended July 31, 2016 compared to net cash provided by financing activities during the nine months ended July 31, 2015 of \$9,529. The change is attributable to an increase in cash used in funding working capital and to pay down debt. As of July 31, 2016, the Company's long-term indebtedness was \$259,224.

Revolving Credit Facility:

The Company and its subsidiaries are party to the Credit Agreement.

On October 30, 2015, the Company executed the Fifth Amendment which increased the permitted leverage ratio with periodic reductions beginning after July 30, 2016. In addition, the Fifth Amendment permitted various investments as well as up to \$40,000 aggregate outstanding principal amount of subordinated indebtedness, subject to certain conditions. Finally, the Fifth Amendment provided for a consolidated fixed charge coverage ratio, and provided for up to \$50,000 of capital expenditures by the Company and its subsidiaries throughout the year ending October 31, 2016, subject to certain quarterly baskets.

On April 29, 2015, the Company executed the Fourth Amendment to the Credit Amendment that maintained the commitment period to September 29, 2019 and allowed for an incremental increase of \$25,000 (or if certain ratios are met, \$100,000) in the original revolving commitment of \$360,000, subject to the Company's pro forma compliance with financial covenants, the administrative agent's approval and the Company obtaining commitments for such increase.

The Fourth Amendment included scheduled commitment reductions beginning after January 30, 2016 as well as scheduled commitment reductions totaling \$30,000, allocated proportionately between the Aggregate Revolving A and B commitments. On April 30, 2016, the first committed reduction of \$5,000 decreased the existing revolving commitment to \$355,000, subject to the Company's pro forma compliance with financial covenants.

Borrowings under the Credit Agreement bear interest, at the Company's option, at LIBOR or the base (or "prime") rate established from time to time by the administrative agent, in each case plus an applicable margin. The Fifth Amendment provides for an interest rate margin on LIBOR loans of 1.50% to 4.0% and of 0.50% to 3.0% on base rate loans depending on the Company's leverage ratio.

The Credit Agreement contains customary restrictive and financial covenants, including covenants regarding the Company's outstanding indebtedness and maximum leverage and interest coverage ratios. The Credit Agreement also

contains standard provisions relating to conditions of borrowing. In addition, the Credit Agreement contains customary events of default, including the non-payment of obligations by the Company and the bankruptcy of the Company. If an event of default occurs, all amounts outstanding under the Credit Agreement may be accelerated and become immediately due and payable. The Company was in compliance with the financial covenants as of July 31, 2016, and October 31, 2015.

After considering letters of credit of \$5,080 that the Company has issued, unused commitments under the Credit Agreement were \$95,220 at July 31, 2016.

Borrowings under the Credit Agreement are collateralized by a first priority security interest in substantially all of the tangible and intangible property of the Company and its domestic subsidiaries and 65% of the stock of foreign subsidiaries.

Table of Contents

The Company continues to closely monitor the business conditions affecting the automotive industry. In addition, the Company closely monitors its working capital position to ensure adequate funds for operations. The Company anticipates that funds from operations will be adequate to meet the obligations under the Credit Agreement through maturity of the Credit Agreement in September 2019, as well as scheduled payments for the equipment security note, capital lease and repayment of the other debt totaling \$5,931 over the next five years.

Other Debt:

On September 2, 2013, the Company entered into an equipment security note that bears interest at a fixed rate of 2.47% and requires monthly payments of \$44 through September 2018. As of July 31, 2016, \$1,121 remained outstanding under this agreement and \$510 was classified as current debt and \$611 was classified as long term debt in the Company's condensed consolidated balance sheets.

The Company maintains capital leases for equipment used in its manufacturing facilities with lease terms expiring between 2018 and 2020. As of July 31, 2016, the present value of minimum lease payments under its capital leases amounted to \$4,810.

Derivatives:

On February 25, 2014, the Company entered into an interest rate swap with an aggregate notional amount of \$75,000 designated as a cash flow hedge to manage interest rate exposure on the Company's floating rate LIBOR based debt under the Credit Agreement. The interest rate swap is an agreement to exchange payment streams based on the notional principal amount. This agreement fixes the Company's future interest payments at 2.74% plus the applicable rate (defined above), on an amount of the Company's debt principal equal to the then-outstanding swap notional amount. The forward interest rate swap commenced on March 1, 2015 with an initial \$25,000 base notional amount. The second notional amount of \$25,000 commenced on September 1, 2015 and the final notional amount of \$25,000 commenced on March 1, 2016. The base notional amount plus each incremental addition to the base notional amount have a five year maturity of February 29, 2020, August 31, 2020 and February 28, 2021, respectively. On the date the interest swap was entered into, the Company designated the interest rate swap as a hedge of the variability of cash flows to be paid relative to its variable rate monies borrowed. Any ineffectiveness in the hedging relationship is recognized immediately into earnings. The Company determined the mark-to-market adjustment for the interest rate swap to be a loss of \$230 and a loss of \$700, net of tax, for the three and nine months ended July 31, 2016, respectively, which is reflected in other comprehensive income (loss). The base notional amounts of \$25,000 each or \$75,000 total that commenced during 2015 and the first nine months of fiscal 2016 resulted in realized losses of \$436 and \$1,102 of interest expense related to the interest rate swap settlements for the three and nine months ended July 31, 2016, respectively. Interest expense related to the interest rate swap settlements was \$108 for both the three and nine months ended July 31, 2015 as the Company entered into the swap during the second quarter of fiscal 2015.

Scheduled repayments of debt for the next five years are listed below:

	Credit	Equipment Capital		
July 31, 2016		Security	Lease	Total
	Agreement	Note	Obligations	
2017	\$ <i>-</i>	\$ 510	\$ 897	\$1,407
2018	_	523	881	1,404
2019	_	88	741	829
2020	254,700	_	393	255,093
2021			1,898	1,898
Total	\$ 254,700	\$ 1,121	\$ 4,810	\$260,631

Effect of Inflation, Deflation

Inflation generally affects the Company by increasing the interest expense of floating rate indebtedness and by increasing the cost of labor, equipment and raw materials. The level of inflation has not had a material effect on the Company's consolidated financial results for the past three years.

In periods of decreasing prices, deflation occurs and may also affect the Company's results of operations. With respect to steel purchases, the Company's purchases of steel through customers' steel buying programs protects recovery of the cost of steel through the selling price of the Company's products. For non-steel buying programs, the Company coordinates the cost of

Table of Contents

steel purchases with the related selling price of the product. For the Company's aluminum and magnesium die casting business, the cost of the materials is handled in one of two ways. The primary method is to secure quarterly aluminum and magnesium purchase commitments based on customer releases and then pass the quarterly price changes to those customers utilizing published metal indexes. The second method is to adjust prices monthly, based on a referenced metal index plus additional material cost spreads agreed to by the Company and its customers.

Table of Contents

Item 3. Qualitative and Quantitative Market Risk Discussion

Market risk is the potential loss arising from adverse changes in market rates and prices. The Company is exposed to market risk throughout the normal course of its business operations due to its purchases of metals, its sales of scrap steel, its ongoing investing and financing activities, and its exposure to foreign currency exchange rates. As such, the Company has established policies and procedures to govern its management of market risks.

Commodity Pricing Risk

Steel is the primary raw material used by the Company and a majority of the purchased steel is acquired through various OEM steel buying programs. Buying through the customer steel buying programs mitigates the impact of price fluctuations associated with the procurement of steel. The remainder of its steel purchasing requirements is met through contracts with various steel suppliers. At times, the Company may be unable to either avoid increases in steel prices or pass through any price increases to its customers. The Company refers to the "net steel impact" as the combination of the change in steel prices that are reflected in the price of its products, the change in the cost to procure steel from the steel sources, and the change in the Company's recovery of offal. The Company's strategy is to be economically neutral to steel pricing by having these factors offset each other. Although the Company strives to achieve a neutral net steel impact, we may not always be successful in achieving that goal, in part due to timing difference. The timing of a change in the price of steel may occur in different periods and if a change occurs, that change may have a disproportionate effect, within any fiscal period, on the Company's product pricing. Depending upon when a steel price change or offal price change occurs, that change may have a disproportionate effect, within any particular fiscal period, on its product pricing, its steel costs and the results of its sales of offal. Net imbalances in any one particular fiscal period may be reversed in a subsequent fiscal period, although the Company cannot provide assurances that, or when, these reversals will occur. Over the past year, the Company has been impacted by the price recovered on the sale of its offal due to the significant reduction in the North American scrap metal market pricing.

Interest Rate Risk

At July 31, 2016, the Company had total debt, excluding capital leases, of \$255,821, consisting of a revolving line of credit of floating rate debt of \$254,700 (99.6%) and fixed rate debt of \$1,121 (0.4%). Assuming no changes in the monthly average revolver debt levels of \$264,203 for the quarter ended July 31, 2016, the Company estimates that a hypothetical change of 100 basis points in the LIBOR and base rate would impact on interest expense by approximately \$2,547 in additional expense.

During 2014, the Company entered into an interest rate swap with an aggregate notional amount of \$75,000 designated as a cash flow hedge of a portion of the Company's Credit Agreement to manage interest rate exposure on the Company's floating rate LIBOR based debt. The first base notional amount, \$25,000, commenced on March 1, 2015, the second base notional amount, \$25,000, commenced on September 1, 2015 and the final notional amount, \$25,000, commenced on March 1, 2016. The Company recognized \$436 and \$1,102 of interest expense related to the interest rate swap for the three and nine months ended July 31, 2016.

The following table discloses the fair value and balance sheet location of the Company's derivative instrument:

Liability Derivatives
Balance Sheet July 31, October 31,
Location 2016 2015
(Thousands of dollars)

Derivatives Designated as Cash Flow Hedging Instruments:

Interest rate swap contracts Other liabilities \$(6,087)\$(4,989)

The following table discloses the effect of the Company's derivative instrument on the condensed consolidated statement of income and condensed consolidated statement of comprehensive loss for the nine months ended July 31, 2016:

Amount of Loss Recognized in OCI on Derivatives (Effective Portion)

(Effective Portion)

(Effective Portion)

(Effective Portion)

(Effective Portion)

Amount of Loss Reclassified from AOCI into Income (Effective Portion)

Derivatives
Designated as
Hedging
Instruments:

Interest rate swap contracts \$(700) Interest expense \$1,102

Table of Contents

The following table discloses the effect of the Company's derivative instrument on the condensed consolidated statement of operations and condensed consolidated statement of comprehensive loss for the nine months ended July 31, 2015:

Amount of Loss Recognized in OCI on Derivatives (Effective Portion)

(Thousands of dollars)

Location of Loss Reclassified from AOCI into Income (Effective Portion)

(Effective Portion)

Amount of Loss Reclassified from AOCI into Income (Effective Portion)

Derivatives
Designated as
Hedging
Instruments:
Interest rate

Interest rate swap contracts \$(1,026) Interest expense \$—

Currency Exchange Rate Risk

The translated values of revenue and expense from the Company's international operations are subject to fluctuations due to changes in currency exchange rates. Consequently, the Company's results of operations may be affected by exposure to changes in foreign currency exchange rates and economic conditions in the regions in which it sells or distributes products.

The Company derived 83.1% of its sales in the United States and 16.9% internationally. Of these international sales, no single foreign currency represented more than 10% of sales. To minimize foreign currency risk, the Company generally maintains natural hedges within its non-U.S. activities, including the efficient alignment of transaction settlements in the same currency and near term accounting cycles.

In addition, to the transaction-related gains and losses that are reflected within the results of operations, the Company is subject to foreign currency translation risk, as the financial statements for its subsidiaries are measured and recorded in the respective subsidiary's functional currency and translated into U.S. dollars for consolidated financial reporting purposes. The resulting translation adjustments are recorded net of tax impact in the condensed consolidated statement of other comprehensive loss.

Inflation

Although the Company has not experienced a material inflationary impact, the potential for a rise in inflationary pressures could impact certain commodities, such as steel, aluminum and magnesium. Additionally, because the Company purchases various types of equipment, raw materials, and component parts from its suppliers, they may be adversely impacted by their inability to adequately mitigate inflationary, industry, or economic pressures. The overall condition of its supply base may possibly lead to delivery delays, production issues, or delivery of non-conforming products by its suppliers in the future. As such, the Company continues to monitor its vendor base for the best sources of supply and the Company continues to work with those vendors and customers to mitigate the impact of inflationary pressures.

Table of Contents

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

The Company maintains a set of disclosure controls and procedures designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Securities Exchange Act of 1934, as amended, is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms and that such information is accumulated and communicated to management, including the Principal Executive Officer ("PEO") and Principal Financial Officer ("PFO"), as appropriate to allow for timely decisions regarding required disclosure. An evaluation was performed under the supervision and with the participation of the Company's management, including the PEO and PFO, of the effectiveness of the design and operation of the Company's disclosure controls and procedures, as defined in Rule 13a-15(e) or Rule 15d-15(e) of the Securities Exchange Act of 1934, as amended. The Company's PEO and PFO concluded that the Company's disclosure controls and procedures were effective as of July 31, 2016.

Changes in Internal Control Over Financial Reporting

There were no changes in the Company's internal control over financial reporting during the third quarter of fiscal 2016 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

Table of Contents

Part II. OTHER INFORMATION

Item 1. Legal Proceedings

Note 15, Commitments and Contingencies, that is included in Part I of this report, is incorporated herein by reference.

Item 1A. Risk Factors

There have been no material changes in the Company's risk factors disclosed in Item 1A of its Annual Report on Form 10-K for the year ended October 31, 2015.

Item 6. Exhibits

- 31.1 Principal Executive Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Principal Financial Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 101.INS XBRL Instance Document
- 101.SCH XBRL Taxonomy Extension Schema Document
- 101.CALXBRL Taxonomy Extension Calculation Linkbase Document
- 101.LAB XBRL Taxonomy Extension Label Linkbase Document
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase Document
- 101.DEF XBRL Taxonomy Extension Definition Linkbase Document

Table of Contents

SIGNATURES

Pursuant to the requirements 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.

SHILOH INDUSTRIES, INC.

By:/s/ W. Jay Potter

W. Jay Potter

Senior Vice President and Chief Financial Officer (Duly Authorized Officer and Principal Financial Officer)

Date: September 7, 2016

Table of Contents

EXHIBIT INDEX

- 31.1 Principal Executive Officer's Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Principal Financial Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 101.INS XBRL Instance Document
- 101.SCH XBRL Taxonomy Extension Schema Document
- 101.CALXBRL Taxonomy Extension Calculation Linkbase Document
- 101.LABXBRL Taxonomy Extension Label Linkbase Document
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase Document
- 101.DEF XBRL Taxonomy Extension Definition Linkbase Document