```
Form
       Unknown document format
10pt;">(670
)
(3,100)
(3,770)
Net current-period other comprehensive income (loss)
1,670
(650
6,050
7,070
Balance, December 31, 2017
(10,450
(3,170)
(3,710
(17,330
```

⁽a) Defined benefit plans, net of income tax of \$0.3 million. See Note 14, "Employee Benefit Plans," for additional details. Derivative instruments, net of income tax expense of \$1.3 million. See Note 11, "Derivative Instruments," for further details.

⁽b) Defined benefit plans, net of income tax of \$0.3 million. See Note 14, "Employee Benefit Plans," for additional details. Derivative instruments, net of income tax expense of \$1.9 million. See Note 11, "Derivative Instruments," for

further details.

18. Segment Information

In the first quarter of 2018, TriMas realigned its reporting structure into three reportable segments: Packaging, Aerospace and Specialty Products. Each of these segments has discrete financial information that is regularly evaluated by TriMas' president and chief executive officer (chief operating decision maker) in determining resource, personnel and capital allocation, as well as assessing strategy and performance. The Company utilizes its proprietary TriMas Business Model as a standardized set of processes to manage and drive results and strategy across its multi-industry businesses.

Within the Company's reportable segments, there are no individual products or product families for which reported net sales accounted for more than 10% of the Company's consolidated net sales. See below for more information regarding the types of products and services provided within each reportable segment:

Packaging – The Packaging segment, which consists primarily of the Riek® brand, develops and manufactures specialty dispensing and closure products for the health, beauty and home care, food and beverage, and industrial markets.

Aerospace – The Aerospace segment, which includes the Monogram Aerospace Fasteners Allfast Fastening Systems, Mac Fasteners and Martinic Engineering Brands, develops, qualifies and manufactures highly-engineered, precision fasteners and machined products to serve the aerospace market.

TRIMAS CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Specialty Products – The Specialty Products segment, which includes the Norris Cylinder Lamons® and Arrow® Engine brands, designs, manufactures and distributes highly-engineered steel cylinders, sealing and fastener products, and wellhead engines and compression systems for use within the industrial, petrochemical, and oil and gas exploration and refining markets.

Segment activity is as follows (dollars in thousands):

	Year ended December 31,					
	2018	2017	2016			
Net Sales						
Packaging	\$368,200	\$344,570	\$341,340			
Aerospace	185,920	184,310	174,920			
Specialty Products	323,020	288,860	277,760			
Total	\$877,140	\$817,740	\$794,020			
Operating Profit (Loss)						
Packaging	\$84,590	\$80,610	\$78,630			
Aerospace	27,290	26,410	(90,540)			
Specialty Products	34,260	12,280	2,900			
Corporate	(24,070)	(30,130)	(32,920)			
Total	\$122,070	\$89,170	\$(41,930)			
Capital Expenditures						
Packaging	\$13,590	\$17,140	\$19,880			
Aerospace	1,190	3,370	3,950			
Specialty Products	5,380	6,830	7,470			
Corporate ^(a)	4,890	9,460	30			
Total	\$25,050	\$36,800	\$31,330			
Depreciation and Amortization						
Packaging	\$21,620	\$21,630	\$22,120			
Aerospace	15,190	14,530	14,090			
Specialty Products	6,930	10,530	8,370			
Corporate	280	180	280			
Total	\$44,020	\$46,870	\$44,860			
Total Assets						
Packaging	\$435,140	\$431,680	\$423,460			
Aerospace	392,140	401,060	409,040			
Specialty Products	181,700	172,840	179,160			
Corporate	91,540	27,620	39,990			
Total	\$1,100,520	\$1,033,200	\$1,051,650			

^(a) Corporate capital expenditures for the years ended December 31, 2018 and 2017, respectively, are primarily related to purchases of machinery and equipment formerly held under operating leases. These purchased assets were subsequently transferred from Corporate to the reportable segment utilizing the assets.

TRIMAS CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The following table presents the Company's net sales for each of the years ended December 31 and long-lived assets at each year ended December 31, attributed to each subsidiary's continent of domicile (dollars in thousands).

J		- ,		J		
	As of Dec	ember 31,				
	2018		2017		2016	
	Net	Long-lived	Net	Long-lived	Net	Long-lived
	Sales	Assets	Sales	Assets	Sales	Assets
Non-U.S.						
Europe	\$62,420	\$ 54,340	\$62,360	\$ 54,790	\$65,490	\$45,050
Asia Pacific	45,040	45,160	36,630	51,120	32,230	51,060
Other Americas	14,670	7,830	15,260	7,930	13,620	7,800
Total non-U.S.	122,130	107,330	114,250	113,840	111,340	103,910
Total U.S.	755,010	571,650	703,490	590,020	682,680	604,250
Total	\$877,140	\$678,980	\$817,740	\$703,860	\$794,020	\$708,160

The Company's export sales from the U.S. approximated \$72.7 million, \$79.8 million and \$76.2 million in 2018, 2017 and 2016, respectively.

19. Income Taxes

The Company's income (loss) before income taxes and income tax expense (benefit), each by tax jurisdiction, consists of the following (dollars in thousands):

	Year ended December 31,			
	2018	2017	2016	
Income (loss) before income taxes:				
Domestic	\$75,830	\$50,760	\$(69,850)	
Foreign	30,150	15,450	11,620	
Total income (loss) before income taxes	\$105,980	\$66,210	\$(58,230)	
Current income tax expense:				
Federal	\$6,770	\$12,800	\$7,560	
State and local	2,440	1,770	1,920	
Foreign	7,070	5,420	4,250	
Total current income tax expense	16,280	19,990	13,730	
Deferred income tax expense (benefit):				
Federal	4,540	15,180	(28,180)	
State and local	1,310	1,280	(2,550)	
Foreign	550	(1,200)	(1,430)	
Total deferred income tax expense (benefit)	6,400	15,260	(32,160)	
Income tax expense (benefit)	\$22,680	\$35,250	\$(18,430)	

TRIMAS CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The components of deferred taxes are as follows (dollars in thousands):

	December 31, December 3		
	2018	2017	
Deferred tax assets:			
Accounts receivable	\$ 310	\$ 1,000	
Inventories	1,900	5,230	
Accrued liabilities and other long-term liabilities	7,220	20,350	
Tax loss and credit carryforwards	6,990	7,290	
Gross deferred tax asset	16,420	33,870	
Valuation allowances	(5,520)	(6,400)	
Net deferred tax asset	10,900	27,470	
Deferred tax liabilities:			
Property and equipment	(8,770)	(16,380)	
Goodwill and other intangible assets	(4,940)	(5,350)	
Investment in foreign affiliates, including withholding tax	(1,050)	(740)	
Other, principally deferred income	(620)	(1,550)	
Gross deferred tax liability	(15,380)	(24,020)	
Net deferred tax asset (liability)	\$ (4,480)	\$ 3,450	

The following is a reconciliation of income tax expense (benefit) computed at the U.S. federal statutory rate to income tax expense (benefit) allocated to income (loss) before income taxes (dollars in thousands):

1 ' '						
	Year ended December 31,					
	2018		2017		2016	
U.S. federal statutory rate	21	%	35	%	35	%
Tax at U.S. federal statutory rate	\$22,250)	\$23,170)	\$(20,380))
State and local taxes, net of federal tax benefit	3,030		2,250		(550)
Differences in statutory foreign tax rates	380		(2,580)	(1,930)
Change in recognized tax benefits	(270)	(480)	(1,410)
Goodwill and other intangible assets impairment	_				5,050	
Nontaxable income	(940)	(1,050)	(310)
Research and manufacturing incentives	(1,740)	(1,510)	(830)
Net change in valuation allowance	650		520		2,140	
Tax Reform Act	(400)	12,660		_	
Other, net	(280)	2,270		(210)
Income tax expense (benefit)	\$22,680)	\$35,250)	\$(18,430))

The Company has recorded deferred tax assets on \$31.1 million of various state operating loss carryforwards and \$18.3 million of various foreign operating loss carryforwards. The majority of the state tax loss carryforwards expire between 2024 and 2028 and the majority of the foreign losses have indefinite carryforward periods.

The Company has not made a provision for U.S. or additional foreign withholding taxes related to investments in foreign subsidiaries that are indefinitely reinvested since any excess of the amount for financial reporting over the tax basis in these investments is not significant as of December 31, 2018.

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TRIMAS CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Tax Reform

In December 2017, the Tax Reform Act was signed into law, and, among the provisions, reduced the Federal statutory corporate income tax rate from 35% to 21% effective January 1, 2018, and implemented a territorial tax system, imposing a one-time tax on the deemed repatriation of undistributed earnings of non-U.S. subsidiaries ("Transition Tax"). The Transition Tax is payable over eight years beginning in 2019.

Coincident with the signing of the Tax Reform Act, the Securities and Exchange Commission issued Staff Accounting Bulletin No. 118 ("SAB 118") to address situations when a registrant does not have the necessary information available, prepared, or analyzed (including computations) in reasonable detail to complete the accounting for certain income tax effects of the Tax Reform Act. SAB 118 provided up to a one-measurement period for companies to finalize the accounting for the impacts of this new legislation.

In 2017, the Company recognized an approximate \$9.0 million provisional tax expense related to the Transition Tax, and an approximate \$3.7 million provisional tax expense in connection with the revaluation of its ending net deferred tax assets resulting from the reduction in the Federal income tax rate, for a total of \$12.7 million provisional tax expense related to the adoption of the Tax Reform Act.

In 2018, the Company finalized the measurement of these provisional expenses. The Company recognized an approximate \$1.1 million income tax benefit in connection with finalizing the revaluation of its net deferred tax assets following the filing of the Company's 2017 corporate income tax return, and recognized an approximate \$0.7 million income tax expense related to finalizing the Transition Tax, resulting in a \$0.4 million net reduction in 2018 to the \$12.7 million provisional tax expense recorded in 2017.

On January 15, 2019, the Internal Revenue Service finalized regulations that govern the Transition Tax. The Company is in the process of analyzing these regulations, but does not expect the regulations to have a significant impact on its consolidated financial statements.

Unrecognized tax benefits

The Company had approximately \$3.0 million and \$3.4 million of unrecognized tax benefits ("UTBs") as of December 31, 2018 and 2017, respectively. If the UTBs were recognized, the impact to the Company's effective tax rate would be to reduce reported income tax expense for the years ended December 31, 2018 and 2017 by approximately \$2.5 million and \$2.8 million, respectively.

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TRIMAS CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

A reconciliation of the change in the UTBs and related accrued interest and penalties for the years ended December 31, 2018 and 2017 is as follows (dollars in thousands):

	Unrecogn Tax Benef	
Balance at December 31, 2016	\$ 3,570	
Tax positions related to current year:	•	
Additions	250	
Tax positions related to prior years:		
Additions	860	
Reductions	(100)
Settlements		
Lapses in the statutes of limitations	(1,210)
Balance at December 31, 2017	\$ 3,370	
Tax positions related to current year:		
Additions	60	
Tax positions related to prior years:		
Additions	390	
Reductions		
Settlements		
Lapses in the statutes of limitations	(800))
Balance at December 31, 2018	\$ 3,020	
In addition to the LITPs summerized of	hove the	7am

In addition to the UTBs summarized above, the Company has recorded approximately \$1.8 million and \$1.7 million in potential interest and penalties associated with uncertain tax positions as of December 31, 2018 and 2017, respectively.

The Company is subject to U.S. federal, state and local, and certain non-U.S. income tax examinations for tax years 2011 through 2018. In addition, there are currently several state and foreign income tax examinations in process. The Company does not believe that the results of these examinations will have a significant impact on the Company's tax position or its effective tax rate.

Management monitors changes in tax statutes and regulations and the issuance of judicial decisions to determine the potential impact to UTBs and is not aware of, nor does it anticipate, any material subsequent events that could have a significant impact on the Company's financial position during the next twelve months.

TRIMAS CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Continued)

20. Summary Quarterly Financial Data

The Company's unaudited quarterly financial data is as follows (dollars in thousands, except for per share data):

	As of December 31, 2018						
	First	Second	Third	Fourth			
	Quarter	Quarter	Quarter	Quarter			
Net sales	\$217,100	\$ 224,910	\$ 223,780	\$ 211,350			
Gross profit	60,380	64,780	61,720	57,240			
Net income	24,320	19,600	22,670	16,710			
Earnings per share—basic:							
Net income per share	\$0.53	\$ 0.43	\$ 0.49	\$ 0.37			
Weighted average shares—basic	45,779,96	645,920,307	45,850,288	45,747,659			
Earnings per share—diluted:							
Net income per share	\$0.53	\$ 0.42	\$ 0.49	\$ 0.36			
Weighted average shares—dilute	4 6,229,33	746,200,757	46,166,558	46,085,202			
As of December 31, 2017							
	First	Second	Third	Fourth			
	Quarter	Quarter	Quarter	Quarter			
Net sales	\$199,830	\$ 213,370	\$ 209,330	\$195,210			
Gross profit	51,820	59,470	58,890	49,210			
Net income (loss)	6,990	14,850	13,130	(4,010)			
Earnings (loss) per share—basic:							
Net income (loss) per share	\$0.15	\$ 0.32	\$ 0.29	\$(0.09)			
Weighted average shares—basic	45,570,49	9 5 45,717,697	45,721,155	5 45,721,160			
Earnings (loss) per share—diluted:							
Net income (loss) per share	\$0.15	\$ 0.32	\$ 0.29	\$(0.09)			
Weighted average shares—dilute	ed45,908,95	5845,922,416	46,029,361	45,721,160			
01 0 1 4 F 4							

21. Subsequent Events

On January 11, 2019, the Company acquired Plastic Srl, a manufacturer of single-bodied and assembled polymeric caps and closures for use in home care product applications. Plastic Srl, located in Forli, Italy, serves the home care market in Italy and other European countries and generates approximately \$12 million in annual revenue. Plastic Srl will be included in the Company's Packaging reportable segment.

On February 28, 2019, the Company announced that its Board of Directors increased the Company's common stock share repurchase authorization to \$75 million in the aggregate of the Company's common stock. The previous authorization, approved in November 2015, authorized up to \$50 million in share repurchases. The increased authorization includes the value of shares already purchased under the previous authorization.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure Not applicable.

Item 9A. Controls and Procedures

Evaluation of disclosure controls and procedures

As of December 31, 2018, an evaluation was carried out by management, with the participation of our Chief Executive Officer and Chief Financial Officer, of the effectiveness of our disclosure controls and procedures (as such term is defined in Rule 13a-15(e) and Rule 15d-15(e) of the Securities Exchange Act of 1934 (the "Exchange Act")), pursuant to Rule 13a-15 of the Exchange Act. Our disclosure controls and procedures are designed only to provide reasonable assurance that they will meet their objectives. Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that as of December 31, 2018, the Company's disclosure controls and procedures were effective to provide reasonable assurance that they would meet their objectives.

Management's Annual Report on Internal Control Over Financial Reporting

Management is responsible for the preparation and fair presentation of the consolidated financial statements included in this annual report. The consolidated financial statements have been prepared in conformity with United States generally accepted accounting principles and reflect management's judgments and estimates concerning events and transactions that are accounted for or disclosed.

Management is also responsible for establishing and maintaining effective internal control over financial reporting. The Company's internal control over financial reporting includes those policies and procedures that pertain to the Company's ability to record, process, summarize, and report reliable financial data. Management recognizes that there are inherent limitations in the effectiveness of any internal control and effective internal control over financial reporting can provide only reasonable assurance with respect to financial statement preparation. Additionally, because of changes in conditions, the effectiveness of internal control over financial reporting may vary over time. In order to ensure that the Company's internal control over financial reporting is effective, management regularly assesses such controls and did so most recently for its financial reporting as of December 31, 2018. Management's assessment was based on criteria for effective internal control over financial reporting described in Internal Control—Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. Based on this assessment, management asserts that the Company has maintained effective internal control over financial reporting as of December 31, 2018.

Deloitte & Touche LLP, an independent registered public accounting firm, who audited the Company's consolidated financial statements, has also audited the effectiveness of the Company's internal control over financial reporting as of December 31, 2018, as stated in their report below.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the shareholders and the Board of Directors of TriMas Corporation

Opinion on Internal Control over Financial Reporting

We have audited the internal control over financial reporting of TriMas Corporation and subsidiaries (the "Company") as of December 31, 2018, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2018, based on criteria established in Internal Control - Integrated Framework (2013) issued by COSO.

We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements and financial statement schedule as of and for the year ended December 31, 2018 of the Company and our report dated February 28, 2019, expressed an unqualified opinion on those financial statements and financial statement schedule.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Annual Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Definition and Limitations of Internal Control over Financial Reporting

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

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

/s/ Deloitte & Touche LLP

Changes in disclosure controls and procedures

There have been no changes in the Company's internal control over financial reporting during the quarter ended December 31, 2018 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

Item 9B. Other Information Not applicable.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

Information regarding our executive officers is included in Part I of this Form 10-K under the heading "Executive Officers of the Company."

The Company's Code of Ethics and Business Conduct is applicable to its directors, officers and employees. The Code of Ethics and Business Conduct is available on the "Investors" portion of the Company's website under the "Corporate Governance" link. The Company's website address is www.trimascorp.com.

The information required by this item is incorporated by reference from our definitive proxy statement for the 2019 Annual Meeting of Shareholders.

Item 11. Executive Compensation

The information required by this item is incorporated by reference from our definitive proxy statement for the 2019 Annual Meeting of Shareholders.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters The information required by this item is incorporated by reference from our definitive proxy statement for the 2019 Annual Meeting of Shareholders.

Item 13. Certain Relationships and Related Transactions, and Director Independence

The information required by this item is incorporated by reference from our definitive proxy statement for the 2019 Annual Meeting of Shareholders.

Item 14. Principal Accountant Fees and Services

The information required by this item is incorporated by reference from our definitive proxy statement for the 2019 Annual Meeting of Shareholders.

PART IV

Item 15. Exhibits and Financial Statement Schedules

- (a) Listing of Documents
- (1) Financial Statements

The Company's Financial Statements included in Item 8 hereof, as required at December 31, 2018 and December 31, 2017, and for the periods ended December 31, 2018, December 31, 2017 and December 31, 2016, consist of the following:

Balance Sheet

Statement of Operations

Statement of Comprehensive Income

Statement of Cash Flows

Statement of Shareholders' Equity

Notes to Financial Statements

(2) Financial Statement Schedules

Financial Statement Schedule of the Company appended hereto, as required for the periods ended December 31, 2018, December 31, 2017 and December 31, 2016, consists of the following:

Valuation and Qualifying Accounts

All other schedules are omitted because they are not applicable, not required, or the information is otherwise included in the financial statements or the notes thereto.

- (3) Exhibits
- 2.1(p) Separation and Distribution Agreement, dated as of June 30, 2015, by and between Horizon Global Corporation and TriMas Corporation.**
- 3.1(d) Fourth Amended and Restated Certificate of Incorporation of TriMas Corporation.
- 3.2(i) Third Amended and Restated By laws of TriMas Corporation.
- 4.1(u) Indenture, dated as of September 20, 2017, among TriMas Corporation, the Guarantors named therein and Wells Fargo Bank, National Association, as Trustee (including the Form of Note).
- 10.1(a) Stock Purchase Agreement dated as of May 17, 2002, among Heartland Industrial Partners, L.P., TriMas Corporation and Metaldyne Company LLC.
- 10.2(c) Amendment No. 1 to Stock Purchase Agreement dated as of August 31, 2006, among Heartland Industrial Partners, L.P., TriMas Corporation and Metaldyne Corporation.
- 10.3(e) Amendment No. 2 to Stock Purchase Agreement dated as of November 27, 2006, among Heartland Industrial Partners, L.P., TriMas Corporation and Metaldyne Corporation.
- 10.4(b) Asset Purchase Agreement dated as of May 9, 2003, among TriMas Corporation, Metaldyne Corporation and Metaldyne Company LLC.
 - Credit Agreement, dated October 16, 2013, by and among TriMas Corporation, TriMas Company LLC and
- 10.5(m) JPMorgan Chase bank, N.A., as Administrative Agent and Collateral Agent, and the various lenders from time to time thereto.
 - Incremental Facility Agreement and Amendment dated as of October 17, 2014, among TriMas Company
- 10.6(o) <u>LLC</u>, the other Loan Parties party thereto, <u>JPMorgan Chase Bank</u>, N.A., as administrative agent, the <u>Incremental Tranche A Term Lenders and the other Lenders party thereto.</u>
- 10.7(p) Replacement Facility Amendment, dated as of June 30, 2015, among TriMas Company LLC, the other Loan Parties party thereto, JPMorgan Chase Bank, N.A., as administrative agent, and the Lenders party thereto.

 Foreign Subsidiary Borrowing Agreement and Amendment dated as of January 10, 2017, among TriMas Company LLC, TriMas Corporation, TriMas Corporation Limited, JPMorgan Chase Bank, N.A., as
- 10.8(s) <u>administrative agent for the Lenders (as defined therein) and as Fronting Lender, JPMorgan Chase Bank, N.A., Bank of America, N.A. and Wells Fargo Bank, National Association, J.P. Morgan Europe Limited, in its capacity as Foreign Currency Agent, and the Revolving Lenders party hereto.</u>

- Amendment, dated as of March 8, 2017 to the Credit Agreement, dated as of October 16, 2013 (as amended, amended and restated, supplemented or otherwise modified from time to time), among TriMas Corporation,
- 10.9(s)TriMas Company LLC, the subsidiary borrowers from time to time parties thereto, the Lenders party thereto, JPMorgan Chase Bank, N.A., as administrative agent, and the other agents party thereto. Replacement Facility Amendment, dated as September 20, 2017, among TriMas Company LLC, the other
- 10.10(u) Loan Parties party thereto, JPMorgan Chase Bank, N.A., as administrative agent, and the Lenders party thereto.**
- 10.11(h)TriMas Corporation 2006 Long Term Equity Incentive Plan Composite Plan Document.*
- 10.12(f) TriMas Corporation Long Term Equity Incentive Plan Non-Qualified Stock Option Agreement.*
- 10.13(g)Flexible Cash Allowance Policy.*
- 10.14(j) 2011 TriMas Corporation Omnibus Incentive Compensation Plan.*
- 10.15(k) Amendment No. 1 to the TriMas Corporation 2011 Omnibus Incentive Compensation Plan.*
- 10.16(t) TriMas Corporation 2017 Equity and Incentive Compensation Plan.*
- 10.17(1) Executive Severance / Change of Control Policy.*
- 10.18(q) Form of Performance Stock Unit Agreement (Three-Year Vest) 2016 LTI under the 2006 Long Term Equity Incentive Plan.*
- 10.19(q) Form of Performance Stock Units Agreement (Three-Year Vest) 2016 LTI under the 2011 Omnibus Incentive Compensation Plan.*
- 10.20(q) Form of Restricted Stock Units Agreement (Three-Year Vest) 2016 LTI under the 2006 Long Term Equity Incentive Plan.*
- 10.21(q) Form of Restricted Stock Units Agreement (Three-Year Vest) 2016 LTI under the 2011 Omnibus Incentive Compensation Plan.*
- 10.22(q) Form of Restricted Stock Units Agreement (Key Personnel) (Three-Year Vest) 2016 LTI under the 2006 Long Term Equity Incentive Plan.*
- Form of Restricted Stock Unit Agreement (Key Personnel) (Three-Year Vest) 2016 LTI under the 2011 10.23(q)Omnibus Incentive Compensation Plan.*
- 10.24(r) Form of Non-Qualified Stock Option Agreement under the 2011 Omnibus Incentive Compensation Plan.*
- 10.25(s) Form of Performance Stock Units Agreement (Three-Year-Vest) 2017 LTI under the 2011 Omnibus Incentive Compensation Plan.*
- Form of Restricted Stock Units Agreement (Three-Year Vest) 2017 LTI under the 2011 Omnibus 10.26(s)Incentive Compensation Plan.*
- 10.27(v) Form of Performance Stock Units Agreement (Three-Year-Vest) 2018 LTI under the 2017 Equity and Incentive Compensation Plan.*
- Form of Restricted Stock Units Agreement (Three-Year Vest) 2018 LTI under the 2017 Equity and 10.28(v) Incentive Compensation Plan.*
- Form of Restricted Stock Units Agreement (Board Of Directors) (One-Year Vest) 2018 LTI under the 10.29(v)2017 Equity and Incentive Compensation Plan.*
- 10.30(n)2013 Form of Indemnification Agreement.*
- 10.31(p) Tax Sharing Agreement, dated as of June 30, 2015, by and between Horizon Global Corporation and TriMas Corporation.
- Noncompetition and Nonsolicitation Agreement, dated as of June 30, 2015, by and between Horizon Global 10.32(p)Corporation and TriMas Corporation.
- 10.33(r) Offer Letter between TriMas Corporation and Thomas A. Amato dated July 23, 2016.
- TriMas Corporation Subsidiary List. 21.1
- 23.1 Consent of Independent Registered Public Accounting Firm.
- Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes Oxley 31.1 Act of 2002.

- Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 302 of the Sarbanes Oxley Act of 2002.
- 32.1 Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002.

- 32.2 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.DEF XBRL Taxonomy Extension Definition Linkbase Document.
- 101.LAB XBRL Taxonomy Extension Label Linkbase Document.
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase Document.
- *Management contracts and compensatory plans or arrangements required to be filed as an exhibit pursuant to Item 15(b) of Form 10-K.
- ** Certain exhibits and schedules have been omitted and the Company agrees to furnish supplementally to the Securities and Exchange Commission a copy of any omitted exhibits and schedules upon request.
- (a) Incorporated by reference to the Exhibits filed with our Registration Statement on Form S-4 filed on October 4, 2002 (File No. 333-100351).
- (b) Incorporated by reference to the Exhibits filed with our Registration Statement on Form S-4 filed June 9, 2003 (File No. 333-105950).
- (c) Incorporated by reference to the Exhibits filed with Amendment No. 1 to our Registration Statement on Form S-1 filed on September 19, 2006 (File No. 333-136263).
- (d) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on August 3, 2007 (File No. 001-10716).
- (e) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on August 7, 2008 (File No. 001-10716).
- (f) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on March 6, 2009 (File No. 001-10716).
- (g) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on December 10, 2009 (File No. 001-10716).
- (h) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on March 26, 2010 (File No. 001-10716).
- (i) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on December 18, 2015 (File No. 001-10716).
- (j) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on April 4, 2011 (File No. 001-10716).
- (k) Incorporated by reference to Appendix A filed with our Definitive Proxy Statement on Schedule 14A filed on April 5, 2013 (File No. 001-10716).
- (l) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on August 23, 2013 (File No. 001-10716).
- Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on October 21, 2013 (File No. 001-10716).
- (n) Incorporated by reference to the Exhibits filed with our Report on Form 8-K filed on November 13, 2013 (File No. 001-10716).
- (o) Incorporated by reference to the Exhibits filed with our Current Report on Form 8-K filed on October 20, 2014 (File No. 001-10716).
- (p) Incorporated by reference to the Exhibits filed with our Current Report on Form 8-K filed on July 6, 2015 (File No. 001-10716).
- (q) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on April 28, 2016 (File No. 001-10716).

(r)

- Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on October 27, 2016 (File No. 001-10716).
- (s) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on April 27, 2017 (File No. 001-10716).
- (t) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on July 27, 2017 (File No. 001-10716).

- (u) Incorporated by reference to the Exhibits filed with our Current Report on Form 8-K filed on September 20, 2017 (File No. 001-10716).
- (v) Incorporated by reference to the Exhibits filed with our Quarterly Report on Form 10-Q filed on August 7, 2018 (File No. 001-10716).

Item 16. Form 10-K Summary None.

SIGNATURES

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

TRIMAS CORPORATION

(Registrant)

BY: /s/ THOMAS A. AMATO

DATE: February 28, 2019

Name: Thomas A. Amato

Title: President and Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this Report has been signed below by the

following persons on behalf of the Registrant and in the capacities and on the dates indicated.

Name Title Date

/s/ THOMAS A. AMATO President and Chief Executive Officer February 28,

2019

Thomas A. Amato (Principal Executive Officer) and Director

/s/ ROBERT J. ZALUPSKI Chief Financial Officer February 28,

2019

Robert J. Zalupski (Principal Financial Officer)

Vice President Business Planning, Controller and Chief Accounting February 28,

Officer 2019

Paul A. Swart (Principal Accounting Officer)

/s/ SAMUEL VALENTI III Chairman of the Board of Directors

February 28,

2019

Samuel Valenti III

/s/ RICHARD M. February 28,

GABRYS Director 2019

Richard M. Gabrys

/s/ NANCY S. February 28,

GOUGARTY Director 2019

Nancy S. Gougarty

/s/ JEFFREY M. GREENE Director February 28,

JEITRET M. GREENE Director 2019

Jeffrey M. Greene

/s/ EUGENE A. MILLER Director February 28,

2019

Eugene A. Miller

/s/ HERBERT K. PARKER Director February 28,

2019

Herbert K. Parker

/s/ NICK L. STANAGE Director February 28, 2019

Nick L. Stanage

/s/ DANIEL P.
TREDWELL
Director
February 28,
2019

Daniel P. Tredwell

SCHEDULE II PURSUANT TO ITEM 15(a)(2) OF FORM 10-K VALUATION AND QUALIFYING ACCOUNTS FOR THE YEARS ENDED December 31, 2018, 2017 AND 2016

December 31, 2010, 2017 AND 2010					
DESCRIPTION	BEGINNING	ADDITION CHARGED TO COSTS AND EXPENSES		DEDUCTIONS	BALANCE AT END OF PERIOD
Allowance for doubtful accounts deducted					
from accounts receivable in the balance sheet					
Year ended December 31, 2018	\$4,130,000	\$1,640,000	\$ 170,000	\$ 2,550,000	\$3,390,000
Year ended December 31, 2017	\$4,580,000	\$2,730,000	\$ (140,000)	\$ 3,040,000	\$4,130,000
Year ended December 31, 2016	\$3,710,000	\$2,770,000	\$ (90,000)	\$ 1,810,000	\$4,580,000
Year ended December 31, 2018 Year ended December 31, 2017	\$4,580,000	\$2,730,000	\$ (140,000)	\$ 3,040,000	\$4,130,

⁽A) Deductions, representing uncollectible accounts written-off, less recoveries of amounts reserved in prior years.