UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 24, 2023



MSA SAFETY INCORPORATED

(Exact name of registrant as specified in its charter)

Pennsylvania
(State or other jurisdiction of incorporation or organization)

1-15579 (Commission File Number) 46-4914539

(IRS Employer Identification Number)

1000 Cranberry Woods Drive Cranberry Township, Pennsylvania (Address of principal executive offices)

16066-5207 (Zip Code)

Registrant's telephone number, including area code: 724-776-8600

	Former name	or former address, if changed s	ince last report: N/A								
	appropriate box below if the Form 8-K filing is i provisions:	ntended to simultaneously satis	sfy the filing obligation of the registrant under any of the								
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)										
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)										
	Pre-commencement communications pursuant	t to Rule 14d-2(b) under the Ex	change Act (17 CFR 240.14d-2(b))								
	Pre-commencement communications pursuant	t to Rule 13e-4(c) under the Exc	change Act (17 CFR 240.13e-4(c))								
Securities	registered pursuant to Section 12(b) of the Act:										
	<u>Title of each class</u>	Trading Symbol(s)	Name of each exchange on which registered								
	Common stock, no par value	MSA	New York Stock Exchange								
Rule 12b-2	γ check mark whether the registrant is an emerging of the Securities Exchange Act of 1934 (17 CF) growth company \square		in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) o								
	ging growth company, indicate by check mark if financial accounting standards provided pursuan	<u>o</u>	use the extended transition period for complying with any new age Act. \square								

Item 2.02 Results of Operations and Financial Condition

On October 24, 2023, the Company issued a press release announcing its financial results for the quarter ended September 30, 2023. A copy of the press release is furnished herewith as Exhibit 99.1 to this report.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 MSA Safety Incorporated Press Release dated October 24, 2023, announcing financial results for the quarter ended September 30, 2023.

SIGNATURE

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 hereunto duly authorized.

MSA SAFETY INCORPORATED

(Registrant)

By /s/ Lee B. McChesney

Lee B. McChesney

Senior Vice President and Chief Financial Officer

October 24, 2023

EXHIBIT INDEX

Exhibit No. Description

99.1 MSA Safety Incorporated Press Release dated October 24, 2023, announcing financial results for the quarter ended September 30, 2023.



FOR IMMEDIATE RELEASE

FROM: MSA Safety Incorporated

Ticker: MSA (NYSE)

Media Relations Contact: Mark Deasy (412) 559-8154 Investor Relations Contact: Chris Hepler (412) 225-3717

MSA Safety Announces Third Quarter Results

Increasing full year sales growth outlook to mid-teens, supported by robust double-digit sales and earnings growth in the third guarter

PITTSBURGH, October 24, 2023 - Global safety equipment and solutions provider MSA Safety Incorporated (NYSE: MSA) today reported financial results for the third quarter of 2023.

Quarterly Highlights

- Achieved quarterly net sales of \$447 million, a 17% increase year-over-year, reflecting broad-based strength across MSA's product portfolio and regions.
- Generated GAAP operating income of \$94 million, or 21.1% of sales, and adjusted operating income of \$101 million, or 22.7% of sales.
- Recorded GAAP net income of \$65 million, or \$1.65 per diluted share, and adjusted earnings of \$70 million, or \$1.78 per diluted share.
- Invested \$13 million in capital expenditures, repaid \$68 million of debt and deployed \$18 million for dividends to shareholders.

"During the third quarter, the MSA team continued to deliver strong results," said Nish Vartanian, MSA Safety Chairman and Chief Executive Officer. "Growth was broad-based across our key product platforms and regions, a testament to the resiliency of our business, our differentiated safety products and solutions, and strategic exposure to attractive end markets and long-term secular trends. Our ability to create sustainable growth is also supported by significant competitive advantages such as our purpose-driven culture, best-in-class innovation and relentless focus on solving our customers' safety challenges."

Mr. Vartanian added, "We remain encouraged by our progress and are excited about the opportunities ahead. With our singular mission of safety, I believe we are well-positioned to continue our strong performance and deliver value to our shareholders in the fourth quarter and beyond."

Financial Highlights and Balance Sheet

Financial Highlights	Three				
(\$ millions, except per share data)		2023	2022	% Change ^(a)	
Net Sales	\$	447	\$ 382	17 %	
Operating Income		94	64	46 %	
Adjusted Operating Income		101	75	35 %	
Net Income		65	45	45 %	
Diluted EPS		1.65	1.14	45 %	
Adjusted Earnings		70	57	23 %	
Adjusted Diluted EPS		1.78	1.45	23 %	
(a) Percentage change may not calculate exactly due to rounding.					

Lee McChesney, MSA Safety Senior Vice President and Chief Financial Officer, commented, "Our team's disciplined execution and commitment to continuous improvement, enabled by the MSA Business System, resulted in healthy margin expansion and robust cash generation, as well as double-digit sales growth during the third quarter. We continued to strengthen our financial position, ending the quarter at 1.3x net leverage, an improvement from 1.7x in the prior quarter. We enter the balance of the year with confidence in our capacity to deliver on our financial commitments, and based on our robust year-to-date performance, we are increasing our sales growth outlook to the mid-teens for the full year 2023."

Conference Call

MSA Safety will host a conference call on Wednesday, October 25, 2023 at 10:00 a.m. Eastern Time to discuss its third quarter 2023 results and outlook. The call and an accompanying slide presentation will be webcast at http://investors.msasafety.com/ under the "News and Events" tab, subheading "Events & Presentations." Investors and interested parties can also dial into the call at 1-844-854-4415 (Toll Free) or 1-412-902-6599 (International). When prompted, please instruct the operator to be joined into the MSA Safety Incorporated conference call. A replay of the conference call will be available at http://investors.msasafety.com/ shortly after the conclusion of the presentation and will be available for the next 90 days.

MSA Safety Incorporated Condensed Consolidated Statements of Operations (Unaudited) (In thousands, except per share amounts)

	Three Months Ended September 30,					Nine Months Ended Septembe 30,			
		2023		2022		2023		2022	
Net sales	\$	446,728	\$	381,694	\$	1,292,290	\$	1,084,699	
Cost of products sold		227,967		212,299		678,335		608,120	
Gross profit		218,761		169,395		613,955		476,579	
Selling, general and administrative		102,175		82,753		289,602		247,378	
Research and development		17,682		14,416		48,906		43,017	
Restructuring charges		3,285		899		8,382		3,146	
Currency exchange losses, net		1,496		2,979		8,781		4,788	
Loss on divestiture of MSA LLC		_		_		129,211		_	
Product liability expense				4,035		3		9,733	
Operating income		94,123		64,313		129,070		168,517	
Interest expense		12,498		5,962		37,149		14,158	
Other income, net		(6,037)		(2,359)		(15,487)		(15,121)	
Total other expense (income), net		6,461		3,603		21,662		(963)	
Income before income taxes		87,662		60,710		107,408		169,480	
Provision for income taxes		22,406		15,804		125,235		41,339	
Net income (loss)	\$	65,256	\$	44,906	\$	(17,827)	\$	128,141	
Earnings (loss) per share attributable to common shareholders:									
Basic	\$	1.66	\$	1.15	\$	(0.46)	\$	3.26	
Diluted	\$	1.65	\$	1.14	\$	(0.46)	\$	3.25	
Basic shares outstanding		39,303		39,172		39,267		39,243	
Diluted shares outstanding		39,450		39,299		39,267		39,414	

MSA Safety Incorporated Condensed Consolidated Balance Sheets (Unaudited) (In thousands)

	Septe	ember 30, 2023	December 31, 2022		
Assets					
Cash and cash equivalents	\$	164,499	\$	162,902	
Trade receivables, net		294,907		297,028	
Inventories		324,077		338,316	
Notes receivable, insurance companies		_		5,931	
Other current assets		68,336		75,949	
Total current assets		851,819		880,126	
Property, plant and equipment, net Prepaid pension cost Goodwill Intangible assets, net Notes receivable, insurance companies, noncurrent Insurance receivable, noncurrent Other noncurrent assets Total assets	\$	205,650 151,400 620,343 268,321 — — 96,802 2,194,335	\$	207,552 141,643 620,622 281,853 38,695 110,300 96,185 2,376,976	
Liabilities and shareholders' equity					
Notes payable and current portion of long-term debt, net	\$	26,198	\$	7,387	
Accounts payable		108,554		112,532	
Other current liabilities		190,649		225,946	
Total current liabilities		325,401		345,865	
Long-term debt, net Pensions and other employee benefits Deferred tax liabilities Product liability and other noncurrent liabilities Total shareholders' equity		715,814 137,563 102,155 44,676 868,726		565,445 137,810 31,881 372,234 923,741	
Total liabilities and shareholders' equity	\$	2,194,335	\$	2,376,976	

MSA Safety Incorporated Condensed Consolidated Statements of Cash Flows (Unaudited) (In thousands)

	Three Months Ended September 30,					Nine Months Ended September 30,			
		2023	2022		2023			2022	
Net income (loss) Depreciation and amortization Tax-effected loss on divestiture of MSA LLC Contribution on divestiture of MSA LLC Change in working capital and other operating Cash flow from (used in) operating activities	\$	65,256 15,504 — — 44,024 124,784	\$	44,906 13,797 — — 5,224 63,927	\$	(17,827) 44,965 199,578 (341,186) 48,413 (66,057)	\$	128,141 41,883 — — (66,121) 103,903	
Capital expenditures Change in short-term investments Property disposals and other investing Cash flow (used in) from investing activities		(12,657) — — — — — — — — — — — — — — — — ——————		(8,948) 10,113 38 1,203		(30,979) ———————————————————————————————————		(28,753) 24,320 38 (4,395)	
Change in debt Cash dividends paid Other financing Cash flow (used in) from financing activities		(68,250) (18,485) 653 (86,082)		(10,000) (18,046) 1,656 (26,390)		168,648 (54,999) (3,142) 110,507		27,000 (53,447) (29,716) (56,163)	
Effect of exchange rate changes on cash, cash equivalents and restricted cash Increase in cash, cash equivalents and restricted cash	\$	(8,501) 17,560	\$	(13,024) 25,716	\$	(14,152) 2,009	\$	(23,498) 19,847	

MSA Safety Incorporated Segment Information (Unaudited) (In thousands, except percentage amounts)

(Americas	International		Corporate		Consolidated	
Three Months Ended September 30, 2023 Net sales to external customers Operating income Operating margin % Restructuring charges Currency exchange losses, net Amortization of acquisition-related intangible assets Transaction costs (a)	\$ 314,273	\$	132,455	\$	_	\$	446,728 94,123 21.1 % 3,285 1,496 2,315 78
Adjusted operating income (loss) Adjusted operating margin % Depreciation and amortization Adjusted EBITDA	93,918 29.9 % 103,157		22,577 17.0 % 26,289		(15,198) (14,960)		101,297 22.7 % 13,189 114,486
Adjusted EBITDA margin %	32.8 %		19.8 %		(11,000)		25.6 %
Three Months Ended September 30, 2022 Net sales to external customers Operating income Operating margin % Restructuring charges Currency exchange losses, net Product liability expense Amortization of acquisition-related intangible assets Transaction costs (a)	\$ 276,082	\$	105,612	\$	_	\$	381,694 64,313 16.8 % 899 2,979 4,035 2,279 620
Adjusted operating income (loss) Adjusted operating margin % Depreciation and amortization	75,088 27.2 %		8,448 8.0 %		(8,411)		75,125 19.7 % 11,518
Adjusted EBITDA Adjusted EBITDA margin %	83,945 30.4 %		10,980 10.4 %		(8,282)		86,643 22.7 %

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in Selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

MSA Safety Incorporated

Segment Information (Unaudited)

(In thousands, except percentage amounts)

(in the dearlas), except percentage amounts)		Americas		International		Corporate		Consolidated	
Nine Months Ended September 30, 2023									
Net sales to external customers	\$	902,918	\$	389,372	\$	_	\$	1,292,290	
Operating income								129,070	
Operating margin %								10.0 %	
Restructuring charges								8,382	
Currency exchange losses, net								8,781	
Loss on divestiture of MSA LLC								129,211	
Product liability expense								3	
Amortization of acquisition-related intangible assets								6,936	
Transaction costs ^(a)								78	
Adjusted operating income (loss)		260,428		60,099		(38,066)		282,461	
Adjusted operating margin %		28.8 %		15.4 %				21.9 %	
Depreciation and amortization								38,029	
Adjusted EBITDA		287,628		70,296		(37,434)		320,490	
Adjusted EBITDA margin %		31.9 %		18.1 %				24.8 %	
Nine Months Ended September 30, 2022									
Net sales to external customers	\$	754,116	\$	330,583	\$	_	\$	1,084,699	
Operating income								168,517	
Operating margin %								15.5 %	
Restructuring charges								3,146	
Currency exchange losses, net								4,788	
Product liability expense								9,733	
Amortization of acquisition-related intangible assets								6,922	
Transaction costs ^(a)								1,476	
Adjusted operating income (loss)		184,664		34,674		(24,756)		194,582	
Adjusted operating margin %		24.5 %		10.5 %				17.9 %	
Depreciation and amortization								34,961	
Adjusted EBITDA		210,201		43,708		(24,366)		229,543	
Adjusted EBITDA margin %		27.9 %		13.2 %				21.2 %	

⁽a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in Selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

The Americas segment is comprised of our operations in Northern North American and Latin American geographies. The International segment is comprised of our operations in all geographies outside of the Americas. Certain global expenses are allocated to each segment in a manner consistent with where the benefits from the expenses are derived.

Adjusted operating income (loss), adjusted operating margin, adjusted earnings before interest, taxes, depreciation and amortization (EBITDA) and adjusted EBITDA margin are the measures used by the chief operating decision maker to evaluate segment performance and allocate resources. As such, management believes that adjusted operating income (loss), adjusted operating margin, adjusted EBITDA and adjusted EBITDA margin are useful metrics for investors. Adjusted operating income (loss) is defined as operating income excluding restructuring charges, currency exchange gains / losses, loss on divestiture of MSA LLC, product liability expense, amortization of acquisition-related intangible assets, and transaction costs. Adjusted operating margin is defined as adjusted operating income (loss) divided by segment net sales to external customers. Adjusted EBITDA margin is defined as adjusted EBITDA divided by segment net sales to external customers. Adjusted operating income (loss), adjusted operating margin, adjusted EBITDA and adjusted EBITDA margin are not recognized terms under GAAP, and therefore do not purport to be alternatives to operating income or operating margin as a measure of operating performance. The company's definition of adjusted operating income (loss), adjusted operating margin, adjusted EBITDA and adjusted EBITDA margin may not be comparable to similarly titled measures of other companies. As such, management believes that it is appropriate to consider operating income determined on a GAAP basis in addition to these non-GAAP measures.

MSA Safety Incorporated

Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures Constant currency revenue growth (Unaudited)

13 %

28 %

23 %

Consolidated

sales change

				Three Months	Ended Septen	nber 30, 2023			
	Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
GAAP reported sales change	21 %	18 %	28 %	11 %	5 %	15 %	18 %	3 %	17 %
Plus: Currency translation effects	(2)%	(2)%	(2)%	(2)%	(3)%	(4)%	(2)%	(3)%	(2)%
Constant currency sales change	19 %	16 %	26 %	9 %	2 %	11 %	16 %	%	15 %
	Nine Months Ended September 30, 2023								
	Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
GAAP reported sales change	13 %	27 %	24 %	23 %	10 %	23 %	20 %	13 %	19 %
Plus: Currency translation effects	— %	1 %	(1)%	— %	(1)%	(1)%	(1)%	(1)%	— %

Management believes that constant currency revenue growth is a useful metric for investors, as foreign currency translation can have a material impact on revenue growth trends. Constant currency revenue growth highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue growth is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue growth determined on a GAAP basis in addition to this non-GAAP financial measure.

23 %

9 %

19 %

22 %

12 %

19 %

MSA Safety Incorporated Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures Constant currency revenue growth (Unaudited)

Fixed Gas and

Flame

Detection

(1)%

19 %

Firefighter Helmets and

Protective

Apparel

- %

38 %

Breathing

Apparatus

%

9 %

Americas Segment

translation effects
Constant currency

sales change

Three I	Months	Ended	September	30,	2023
---------	--------	-------	-----------	-----	------

Industrial Head

(2)%

8 %

Fall Protection

(2)%

22 %

Core Sales

(1)%

19 %

Non-Core

(2)%

20 %

Net Sales

(1)%

19 %

GAAP reported sales change	13 %	23 %	18 %	13 %	5 %	15 %	15 %	1 %	14 %
Plus: Currency translation effects	— %	— %	(2)%	(3)%	(3)%	(4)%	(2)%	(3)%	(2)%
Constant currency sales change	13 %	23 %	16 %	10 %	2 %	11 %	13 %	(2)%	12 %
_									
				Nine Months	Ended Septem	ber 30, 2023			
	Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
GAAP reported sales change	9 %	38 %	20 %	26 %	10 %	24 %	20 %	22 %	20 %
Plus: Currency									

(1)%

25 %

Portable Gas

Management believes that constant currency revenue growth is a useful metric for investors, as foreign currency translation can have a material impact on revenue growth trends. Constant currency revenue growth highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue growth is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue growth determined on a GAAP basis in addition to this non-GAAP financial measure.

MSA Safety Incorporated Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures Constant currency revenue growth (Unaudited)

Fixed Gas and

Flame

Detection

32 %

Firefighter Helmets and

Protective

Apparel

(2)%

Breathing

Apparatus

26 %

International Segment

Constant currency

sales change

Three	Months	Ended	Septembe	er 30,	2023
-------	--------	-------	----------	--------	------

Industrial Head

14 %

Fall Protection

21 %

Core Sales

21 %

Non-Core

2 %

Net Sales

18 %

GAAP reported sales change	45 %	3 %	52 %	6 %	4 %	15 %	29 %	6 %	25 %
Plus: Currency translation effects	(6)%	(7)%	(5)%	(2)%	(1)%	(6)%	(5)%	(4)%	(4)%
Constant currency sales change	39 %	(4)%	47 %	4 %	3 %	9 %	24 %	2 %	21 %
_									
				Nine Months	Ended Septem	ber 30, 2023			
	Breathing Apparatus	Firefighter Helmets and Protective Apparel	Fixed Gas and Flame Detection	Portable Gas Detection	Industrial Head Protection	Fall Protection	Core Sales	Non-Core Sales	Net Sales
GAAP reported sales change	25 %	(2)%	32 %	16 %	11 %	20 %	20 %	2 %	18 %
Plus: Currency translation effects	1 %	— %	— %	2 %	3 %	1 %	1 %	— %	— %

Portable Gas

Management believes that constant currency revenue growth is a useful metric for investors, as foreign currency translation can have a material impact on revenue growth trends. Constant currency revenue growth highlights ongoing business performance excluding the impact of fluctuating foreign currencies, which is outside of management's control. There can be no assurances that MSA's definition of constant currency revenue growth is consistent with that of other companies. As such, management believes that it is appropriate to consider revenue growth determined on a GAAP basis in addition to this non-GAAP financial measure.

18 %

MSA Safety Incorporated Supplemental Segment Information (Unaudited) Summary of constant currency revenue growth by segment and product group

	Three Months Ended September 30, 2023				
	Consolidated	Americas	International		
Fixed Gas and Flame Detection	26 %	16 %	47 %		
Breathing Apparatus	19 %	13 %	39 %		
Firefighter Helmets & Protective Apparel	16 %	23 %	(4)%		
Fall Protection	11 %	11 %	9 %		
Portable Gas Detection	9 %	10 %	4 %		
Industrial Head Protection	2 %	2 %	3 %		
Core Sales	16 %	13 %	24 %		
Non-Core Sales	— %	(2)%	2 %		
Net Sales	15 %	12 %	21 %		

	Nine Months Ended September 30, 2023				
	Consolidated	Americas	International		
Fixed Gas and Flame Detection	23 %	19 %	32 %		
Breathing Apparatus	13 %	9 %	26 %		
Firefighter Helmets & Protective Apparel	28 %	38 %	(2)%		
Fall Protection	22 %	22 %	21 %		
Portable Gas Detection	23 %	25 %	18 %		
Industrial Head Protection	9 %	8 %	14 %		
Core Sales	19 %	19 %	21 %		
Non-Core Sales	12 %	20 %	2 %		
Net Sales	19 %	19 %	18 %		

MSA Safety Incorporated Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures Adjusted earnings (Unaudited) Adjusted earnings per diluted share (Unaudited) (In thousands, except per share and percentage amounts)

	Three Months Ended September 30,				Nine Months Ended September 30,					
		2023		2022	% Change		2023	_	2022	% Change
Net income (loss)	\$	65,256	\$	44,906	45%	\$	(17,827)	\$	128,141	(114)%
Loss on divestiture of MSA LLC		_		_			129,211		_	
Deferred tax asset write-off related to divestiture of MSA LLC		_		_			70,366		_	
Product liability expense		_		4,035			3		9,733	
Amortization of acquisition-related intangible assets		2,315		2,279			6,936		6,922	
Transaction costs (a)		78		620			78		1,476	
Restructuring charges		3,285		899			8,382		3,146	
Asset related losses (gains) and other		42		4,652			(671)		4,776	
Currency exchange losses, net		1,496		2,979			8,781		4,788	
Income tax expense on adjustments		(2,327)		(3,331)			(9,248)		(7,400)	
Adjusted earnings	\$	70,145	\$	57,039	23%	\$	196,011	\$	151,582	29%
Adjusted earnings per diluted share	\$	1.78	\$	1.45	23%	\$	4.97	\$	3.85	29%

^(a)Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in Selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

Management believes that adjusted earnings and adjusted earnings per diluted share are useful measures for investors, as management uses these measures to internally assess the company's performance and ongoing operating trends. There can be no assurances that additional special items will not occur in future periods, nor that MSA's definition of adjusted earnings is consistent with that of other companies. As such, management believes that it is appropriate to consider both net income (loss) determined on a GAAP basis as well as adjusted earnings.

MSA Safety Incorporated
Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures
Debt to adjusted EBITDA / Net debt to adjusted EBITDA (Unaudited)
(In thousands)

	Twelve Months Ended September 30, 2023		
Operating income	\$	199,690	
Loss on divestiture of MSA LLC		129,211	
Depreciation and amortization		50,178	
Product liability expense		10,860	
Restructuring charges		13,201	
Currency exchange losses, net		14,248	
Amortization of acquisition-related intangible assets		9,221	
Transaction costs (a)		1,835	
Adjusted EBITDA	\$	428,444	
Total end-of-period debt		742,012	
Debt to adjusted EBITDA		1.7	
Total end-of-period debt	\$	742,012	
Total end-of-period cash and cash equivalents		164,499	
Net debt	\$	577,513	
Net debt to adjusted EBITDA		1.3	

(a) Transaction costs include advisory, legal, accounting, valuation, and other professional or consulting fees incurred during acquisitions and divestitures. These costs are included in Selling, general and administrative expense in the unaudited Condensed Consolidated Statements of Operations.

Management believes that Debt to adjusted EBITDA and Net debt to adjusted EBITDA are useful measures for investors, as management uses these measures to internally assess the company's liquidity and balance sheet strength. There can be no assurances that that MSA's definition of Debt to Adjusted EBITDA and Net Debt to Adjusted EBITDA is consistent with that of other companies.

About MSA Safety:

Established in 1914, MSA Safety Incorporated is the global leader in the development, manufacture and supply of safety products and solutions that protect people and facility infrastructures. Many MSA products integrate a combination of electronics, software, mechanical systems and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive product line is used by workers around the world in a broad range of markets, including fire service, the oil, gas and petrochemical industry, construction, industrial manufacturing applications, heating, ventilation, air conditioning and refrigeration, utilities, mining and the military. MSA's core products include self-contained breathing apparatus, fixed gas and flame detection systems, portable gas detection instruments, industrial head protection products, firefighter helmets and protective apparel, and fall protection devices. With 2022 revenues of \$1.5 billion, MSA employs approximately 5,000 people worldwide. The company is headquartered north of Pittsburgh in Cranberry Township, Pa., and has manufacturing operations in the United States, Europe, Asia and Latin America. With more than 40 international locations, MSA realizes approximately half of its revenue from outside North America. For more information visit MSA's web site at www.MSAsafety.com.

Cautionary Statement Regarding Forward-Looking Statements:

Except for historical information, certain matters discussed in this press release may be "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements relate to future events or our future financial performance and involve various assumptions, known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements. In some cases, you can identify forward-looking statements by words such as "may," "will," "should," "expects," "intends," "plans," "anticipates," "believes," "estimates," "predicts," "potential" or other comparable words. Actual results, performance or outcomes may differ materially from those expressed or implied by these forward-looking statements and may not align with historical performance and events due to a number of factors, including those discussed in the sections of our annual report on Form 10-K entitled "Cautionary Statement Regarding Forward-Looking Statements" and "Risk Factors." and those discussed in our Form 10-O quarterly reports filed after such annual report. MSA's SEC filings are readily obtainable at no charge at www.sec.gov, as well as on its own investor relations website at http://investors.MSAsafety.com. Although we believe that the expectations reflected in the forwardlooking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements, and caution should be exercised against placing undue reliance upon such statements, which are based only on information currently available to us and speak only as of the date hereof. We are under no duty to update publicly any of the forwardlooking statements after the date of this earnings press release, whether as a result of new information, future events or otherwise, except as required by law.

Non-GAAP Financial Measures:

This press release includes certain non-GAAP financial measures. These financial measures include constant currency revenue growth, adjusted operating income, adjusted operating margin, adjusted EBITDA, adjusted EBITDA margin, adjusted earnings, adjusted earnings per diluted share, debt to adjusted EBITDA, and net debt to adjusted EBITDA. These non-GAAP financial measures provide information useful to investors in understanding our operating performance and trends, and to facilitate comparisons with the performance of our peers. Management also uses these measures internally to assess and better understand our underlying business performance and trends related to core business activities. The non-GAAP financial measures and key performance indicators we use, and computational methods with respect thereto, may differ from the non-GAAP financial measures and key performance indicators, and computational methods, that our peers use to assess their performance and trends.

The presentation of these non-GAAP financial measures does not comply with U.S. GAAP. These non-GAAP financial measures should be viewed as supplemental in nature, and not as a substitute for, or superior to, our reported results prepared in accordance with GAAP. When non-GAAP financial measures are disclosed, the Securities and Exchange Commission's Regulation G requires: (i) the presentation of the most directly comparable financial measure calculated and presented in accordance with GAAP and (ii) a reconciliation of the differences between the non-GAAP financial measure presented and the most directly comparable financial measure calculated and presented in accordance with GAAP. The presentation of these financial measures does not comply with U.S. generally accepted accounting principles ("GAAP"). For an explanation of these measures, with a reconciliation to the most directly comparable GAAP financial measure, see the Reconciliation of As Reported Financial Measures to Non-GAAP Financial Measures in the financial tables section above.