UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

			FORM 10-Q		
(Mark	(One)				
\times	QUARTERLY 1934	REPORT PURSUANT T	O SECTION 13 OR 15(d) OF	THE SECURITIES EXCHANGE	E ACT OF
		For th	ne quarterly period ended March 31 OR	, 2024	
	TRANSITION 1934	REPORT PURSUANT T	TO SECTION 13 OR 15(d) OF	THE SECURITIES EXCHANGE	E ACT OF
		For the tra	nsition period from to		
			Commission File Number 1-12981		
			AMETEK, Inc.	•	
		(Exact n	ame of registrant as specified in its	charter)	
			Delaware (State or other jurisdiction of incorporation or organization)		
			1100 Cassatt Road Berwyn, Pennsylvania (Address of principal executive offices) 14-1682544 (I.R.S. Employer Identification No.)		
			19312-1177 (Zip Code)		
		Registrant's tele	phone number, including area code	: (610) 647-2121	
	luring the preceding			d by Section 13 or 15(d) of the Securities Exto file such reports), and (2) has been subject	
	ed to be submitted a		f Regulation S-T (§232.405 of this cha	n its corporate Web site, if any, every Interactapter) during the preceding 12 months (or for	
	erging growth comp			filer, a non-accelerated filer, smaller reporting company," and "emerging comp	
Large	accelerated filer	\boxtimes		Accelerated filer	
Non-a	ccelerated filer	\square (Do not check if a smaller	reporting company)	Smaller reporting company	
				Emerging growth company	
any ne			a mark if the registrant has elected not pursuant to Section 13(a) of the Exch	to use the extended transition period for contange Act. \square	mplying with
	Indicate by check	mark whether the registrant is a	shell company (as defined in Rule 12)	b-2 of the Exchange Act). Yes □ No 🗵	₫

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock	AME	New York Stock Exchange
The number of shares of the registrant's contstanding at April 29, 2024 was 231,469,581 share	mmon stock outstanding as of the latest practicable es.	date was: Common Stock, \$0.01 Par Value,

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

AMETEK, Inc. Consolidated Statement of Income (In thousands, except per share amounts) (Unaudited)

Three Months Ended March 31, 2024 2023 Net sales 1,597,117 1,736,180 1,022,525 Cost of sales 1,144,681 Selling, general and administrative 169,051 174,283 Total operating expenses 1,318,964 1,191,576 **Operating income** 417,216 405,541 (20,569)Interest expense (35,254)Other (expense) income, net (633)(5,373)Income before income taxes 381,329 379,599 Provision for income taxes 70,386 73,887 Net income \$ 310,943 305,712 \$ 1.35 \$ 1.33 Basic earnings per share Diluted earnings per share \$ 1.32 1.34 Weighted average common shares outstanding: Basic shares 231,097 230,126 Diluted shares 232,035 231,229 0.28 0.25 Dividends declared and paid per share

AMETEK, Inc. Condensed Consolidated Statement of Comprehensive Income (In thousands) (Unaudited)

Three Months Ended March 31,

	2024	2023
Total comprehensive income	\$ 285,557	\$ 223,639

AMETEK, Inc. Consolidated Balance Sheet (In thousands)

	March 31, 2024	December 31, 2023		
	(Unaudited)			
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 373,765 \$	409,804		
Receivables, net	983,893	1,012,932		
Inventories, net	1,127,328	1,132,471		
Other current assets	 290,516	269,461		
Total current assets	2,775,502	2,824,668		
Property, plant and equipment, net	877,420	891,293		
Right of use assets, net	219,887	229,723		
Goodwill	6,438,675	6,447,629		
Other intangibles, net	4,080,603	4,165,317		
Investments and other assets	472,894	464,903		
Total assets	\$ 14,864,981 \$	15,023,533		
		•		
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Short-term borrowings and current portion of long-term debt, net	\$ 1,055,406 \$	1,417,915		
Accounts payable	517,352	516,588		
Customer advanced payments	391,873	375,513		
Income taxes payable	85,843	69,567		
Accrued liabilities and other	452,034	502,990		
Total current liabilities	2,502,508	2,882,573		
Long-term debt, net	1,877,772	1,895,432		
Deferred income taxes	836,571	836,695		
Other long-term liabilities	679,915	678,642		
Total liabilities	5,896,766	6,293,342		
Stockholders' equity:				
Common stock	2,715	2,709		
Capital in excess of par value	1,186,132	1,168,694		
Retained earnings	10,186,621	9,940,343		
Accumulated other comprehensive loss	(510,328)	(484,942)		
Treasury stock	(1,896,925)	(1,896,613)		
Total stockholders' equity	8,968,215	8,730,191		
Total liabilities and stockholders' equity	\$ 14,864,981 \$			
Total flatifies and stockholders equity	 -,,	,,555		

AMETEK, Inc. Consolidated Statement of Stockholders' Equity (In thousands) (Unaudited)

	Three months en	nded March 31,
	2024	2023
Capital stock		
Common stock, \$0.01 par value		
Balance at the beginning of the period	\$ 2,709	\$ 2,700
Shares issued	6	4
Balance at the end of the period	2,715	2,704
Capital in excess of par value		_
Balance at the beginning of the period	1,168,694	1,094,236
Issuance of common stock under employee stock plans	8,497	(12,153)
Share-based compensation expense	8,941	10,279
Balance at the end of the period	1,186,132	1,092,362
Retained earnings		
Balance at the beginning of the period	9,940,343	8,857,485
Net income	310,943	305,712
Cash dividends paid	(64,664)	(57,492)
Other	(1)	_
Balance at the end of the period	10,186,621	9,105,705
Accumulated other comprehensive (loss) income		
Foreign currency translation:		
Balance at the beginning of the period	(298,835)	(368,124)
Translation adjustments	(34,115)	32,820
Change in long-term intercompany notes	(4,673)	3,771
Net investment hedge instruments gain (loss), net of tax of \$(3,987) and \$3,805 for the quarter ended March 31, 2024 and 2023, respectively	12,242	(11,684)
Balance at the end of the period	(325,381)	(343,217)
Defined benefit pension plans:		
Balance at the beginning of the period	(186,107)	(206,821)
Amortization of net actuarial loss and other, net of tax of \$(365) and \$(518) for the quarter ended March 31, 2024 and 2023, respectively	1,160	1,592
Balance at the end of the period	(184,947)	(205,229)
Accumulated other comprehensive loss at the end of the period	(510,328)	(548,446)
Treasury stock	(610,620)	(6.10,1.10)
Balance at the beginning of the period	(1,896,613)	(1,902,964)
Issuance of common stock under employee stock plans	6,603	14,266
Purchase of treasury stock	(6,915)	(6,502)
Balance at the end of the period	(1,896,925)	(1,895,200)
Total stockholders' equity	\$ 8,968,215	\$ 7,757,125
iotai stocknoiders equity	\$ 0,700,210	÷ 1,131,123

AMETEK, Inc. Condensed Consolidated Statement of Cash Flows (In thousands) (Unaudited)

	Th	ree months ended March 31,
	202	24 2023
Cash provided by (used for):		
Operating activities:		
Net income	\$	310,943 \$ 305,712
Adjustments to reconcile net income to total operating activities:		
Depreciation and amortization		98,000 82,379
Deferred income taxes		(2,974) (17,587)
Share-based compensation expense		8,941 10,279
Gain on sale of facilities		(995)
Net change in assets and liabilities, net of acquisitions		816 4,883
Pension contributions		(1,460) (1,415
Other, net		(3,044) 2,285
Total operating activities		410,227 386,536
Investing activities:		
Additions to property, plant and equipment		(27,652) (20,006
Purchases of businesses, net of cash acquired		— (99,266
Proceeds from sale of facilities		4,246 —
Other, net		1,994 (2,888
Total investing activities		(21,412) (122,160
Financing activities:		
Net change in short-term borrowings		(363,052) (155,505
Repurchases of common stock		(6,915) (6,502
Cash dividends paid		(64,664) (57,492
Proceeds from stock option exercises		23,613 10,419
Other, net		(6,531) (5,886
Total financing activities		(417,549) (214,966
Effect of exchange rate changes on cash and cash equivalents		(7,305) 5,077
(Decrease) increase in cash and cash equivalents		(36,039) 54,487
Cash and cash equivalents:		(-1,1-1)
Beginning of period		409,804 345,386
End of period	<u>\$</u>	373,765 \$ 399,873
	Ψ	ψ 377,013

1. Basis of Presentation

The accompanying consolidated financial statements are unaudited. AMETEK, Inc. (the "Company") believes that all adjustments (which primarily consist of normal recurring accruals) necessary for a fair presentation of the consolidated financial position of the Company at March 31, 2024, the consolidated results of its operations for the three months ended March 31, 2024 and 2023 and its cash flows for the three months ended March 31, 2024 and 2023 have been included. Quarterly results of operations are not necessarily indicative of results for the full year. The accompanying consolidated financial statements should be read in conjunction with the audited consolidated financial statements and related notes presented in the Company's Annual Report on Form 10-K for the year ended December 31, 2023 as filed with the U.S. Securities and Exchange Commission.

2. Recent Accounting Pronouncements

Recent Accounting Pronouncements

In November 2023, the FASB issued ASU No. 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures ("ASU 2023-07"), which requires disclosure of significant segment expenses and other segment items on an annual and interim basis under ASC 280. ASU 2023-07 is effective for annual periods beginning after December 15, 2023, and for interim periods beginning after December 15, 2024. Early adoption is permitted and the amendments in this ASU should be applied on a retrospective basis to all periods presented. The Company has not determined the impact ASU 2023-07 may have on the Company's financial statement disclosures.

In December 2023, the FASB issued ASU No. 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures ("ASU 2023-09"), which improves income tax disclosures by requiring (1) consistent categories and greater disaggregation of information in the rate reconciliation and (2) income taxes paid disaggregated by jurisdiction. It also includes certain other amendments to improve the effectiveness of income tax disclosures. ASU 2023-09 is effective for annual periods beginning after December 15, 2024. Early adoption is permitted. The ASU indicates that all entities will apply its guidance prospectively with an option for retroactive application to each period in the financial statements. The Company has not determined the impact ASU 2023-09 may have on the Company's financial statement disclosures.

3. Revenues

The outstanding contract asset and liability accounts were as follows:

	2024	2023		
	(In tho	usands)		
Contract assets—January 1	\$ 140,826	\$ 119,741		
Contract assets – March 31	146,948	127,412		
Change in contract assets – increase (decrease)	6,122	7,671		
Contract liabilities – January 1	432,830	398,692		
Contract liabilities – March 31	439,365	432,695		
Change in contract liabilities – (increase) decrease	(6,535)	(34,003)		
Net change	\$ (413)	\$ (26,332)		

The net change for the three months ended March 31, 2024 was driven by contract liabilities, specifically growth in advance payments from customers being largely offset by the increase in contract assets. For the three months ended March 31, 2024 and 2023, the Company recognized revenue of \$219.0 million and \$199.3 million, respectively, that was previously included in the beginning balance of contract liabilities.

Contract assets are reported as a component of Other current assets in the consolidated balance sheet. At March 31, 2024 and December 31, 2023, \$47.5 million and \$57.3 million of Customer advanced payments (contract liabilities), respectively, were recorded in Other long-term liabilities in the consolidated balance sheets.

The remaining performance obligations not expected to be completed within one year as of March 31, 2024 and December 31, 2023 were \$596.3 million and \$607.5 million, respectively. Remaining performance obligations represent the transaction price of firm, non-cancelable orders, with expected delivery dates to customers greater than one year from the balance sheet date, for which the performance obligation is unsatisfied or partially unsatisfied. These performance obligations will be substantially satisfied within two to three years.

Geographic Areas

Net sales were attributed to geographic areas based on the location of the customer. Information about the Company's operations in different geographic areas was as follows for the three months ended March 31:

Three months ended March 31, 2024					024
	EIG		EMG		Total
		(In	thousands)		
\$	568,897	\$	343,860	\$	912,757
	26,707		28,192		54,899
	142,242		114,986		257,228
	298,045		50,199		348,244
	120,888		42,164		163,052
	587,882		235,541		823,423
\$	1,156,779	\$	579,401	\$	1,736,180
	\$	\$ 568,897 26,707 142,242 298,045 120,888 587,882	\$ 568,897 \$ \\ \$ 26,707 \\ 142,242 \\ 298,045 \\ 120,888 \\ 587,882	EIG EMG (In thousands) \$ 568,897 \$ 343,860 26,707 28,192 142,242 114,986 298,045 50,199 120,888 42,164 587,882 235,541	EIG EMG (In thousands) \$ 568,897 \$ 343,860 \$ 26,707 28,192 142,242 114,986 298,045 50,199 120,888 42,164 587,882 235,541

(1) Includes U.S. export sales of \$473.8 million for the three months ended March 31, 2024.

	Three months ended March 31, 2023					023
		EIG		EMG		Total
			(Ir	thousands)		
United States	\$	561,896	\$	247,119	\$	809,015
International ⁽¹⁾ :						
United Kingdom		28,038		31,062		59,100
European Union countries		135,658		116,807		252,465
Asia		283,892		50,905		334,797
Other foreign countries		107,763		33,977		141,740
Total international		555,351		232,751		788,102
Consolidated net sales	\$	1,117,247	\$	479,870	\$	1,597,117

⁽¹⁾ Includes U.S. export sales of \$434.2 million for the three months ended March 31, 2023.

Major Products and Services

The Company's major products and services in the reportable segments were as follows:

Three wordstand shapes and analytical instrumentation Tender of the property	the first of the f							
Process and analytical instrumentation \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 715,758 \$ 715,758 \$ 715,758 \$ 715,758 \$ 715,759 \$ 214,6949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,949 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 246,948 \$ 247,943 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947 \$ 247,947				nonth		31,		
Process and analytical instrumentation \$ 791,538 \$ 791,538 \$ 791,538 \$ 791,538 \$ 51,693 <td></td> <td></td> <td>EIG</td> <td></td> <td></td> <td></td> <td>Total</td>			EIG				Total	
Acrospace and power 365,241 152,452 517,693 Automation and engineered solutions - 426,949 426,949 Consolidated net sales \$1,156,779 \$ 579,401 \$ 1736,108 EIG EMG Total Toroges and analytical instrumentation \$ 794,33 \$ 794,433 Acrospace and power 322,814 143,050 465,864 Automation and engineered solutions - 336,820 336,820 Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition Training of Revenue Recognition			-01 -20	,	thousands)	•	- 04 - 20	
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Consolidated net sales \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			365,241					
Three words durated March 1, 2023 EIG EMG Total Incompanies Incompanies Incompanies Process and analytical instrumentation \$ 794,433 \$ − \$ 794,433 Acrospace and power 322,814 143,050 465,864 Automation and engineered solutions − 336,820 336,820 Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 Timing of Revenue Recognition Three worder March 1, 2024 Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,366,184 Consolidated net sales \$ 210,781 \$ 579,401 \$ 1,366,184 Products transferred over time \$ 1,156,779 \$ 579,401 \$ 1,376,184 Consolidated net sales \$ 280 \$ 1,449,583 Tim			<u> </u>					
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EIG EMG Total Process and analytical instrumentation \$ 794,433 \$ — \$ 794,433 Acrospace and power 322,814 4143,050 336,820 Automation and engineered solutions — 336,820 336,820 Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 Timing of Revenue Recognition Three with reded Mark 1, 2024 EIG EMG Total Products transferred at a point in time \$ 945,98 \$ 503,585 \$ 1,449,583 Products and services transferred over time \$ 911,56779 \$ 579,401 \$ 1,736,180 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three with reded Mark 1, 2023 \$ 1,736,180 \$ 1,736,180 Three with reded Mark 1, 2023 \$ 1,736,180 \$ 1,736,180 Three with reded Mark 1, 2024 \$ 1,736,180 \$ 1,736,180 Three with reded Mark 1, 2024 \$ 1,736,180 \$ 1,736,180 Three with reded Mark 1, 2024 \$ 1,736,180 \$ 1,736,180 Three with reded Mark 1, 2024 \$ 1,736,180 <								
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Process and analytical instrumentation \$ 794,433 \$ — \$ 794,433 Aerospace and power 322,814 143,050 465,864 Automation and engineered solutions — 336,820 336,820 Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 \$ 1,117,247 \$ 479,870 \$ 1,597,117 \$ 1,117,247 \$ 479,870 \$ 1,597,117			EIG		EMG		Total	
Aerospace and power 322,814 143,050 465,864 Automation and engineered solutions — 336,820 336,820 Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 \$ 1,117,247 \$ 479,870 \$ 1,597,117 336,820 336,820 \$ 1,597,117 <td and="" decognition<="" power="" rowspace="" t<="" td=""><td></td><td></td><td></td><td>(Ir</td><td>thousands)</td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td>(Ir</td> <td>thousands)</td> <td></td> <td></td>				(Ir	thousands)		
Automation and engineered solutions — 336,820	Process and analytical instrumentation	\$	794,433	\$	_	\$	794,433	
Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117 Timing of Revenue Recognition Three moths ended March 31, 2024 EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three moths ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Aerospace and power		322,814		143,050		465,864	
Timing of Revenue Recognition Three months ended March 31, 2024 EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three months ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Automation and engineered solutions		_		336,820		336,820	
Three moths ended March 31, 2024 EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three moths ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Consolidated net sales	\$	1,117,247	\$	479,870	\$	1,597,117	
Three moths ended March 31, 2024 EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three moths ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909								
Three moths ended March 31, 2024 EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three moths ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Timing of Revenue Recognition							
EIG EMG Total (In thousands) Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three months ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909			Three n	onth	s ended March	31.	2024	
Products transferred at a point in time \$ 945,998 \$ 503,585 \$ 1,449,583 Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three months ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909		_				,		
Products and services transferred over time 210,781 75,816 286,597 Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three months ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909		-		(Ir	thousands)			
Consolidated net sales \$ 1,156,779 \$ 579,401 \$ 1,736,180 Three months ended March 31, 2023 EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Products transferred at a point in time	\$	945,998	\$	503,585	\$	1,449,583	
Three months ended March 31, 2023 EIG EMG Total	Products and services transferred over time		210,781		75,816		286,597	
EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909	Consolidated net sales	\$	1,156,779	\$	579,401	\$	1,736,180	
EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909		<u> </u>						
EIG EMG Total (In thousands) Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909			Thuse m		anded March	21 /	2022	
Products transferred at a point in time (In thousands) \$ 935,308 \$ 413,601 \$ 1,348,909				ionths		1 31,		
Products transferred at a point in time \$ 935,308 \$ 413,601 \$ 1,348,909			EIG	(Ir			Total	
*	Products transferred at a point in time	2	935 308			\$	1 348 909	
Products and services transferred over time 181 939 66 269 248 208	Products and services transferred over time	Ψ	181,939	Ψ	66,269	Ψ	248,208	
Consolidated net sales \$ 1,117,247 \$ 479,870 \$ 1,597,117		•	-	•		•		

Product Warranties

The Company provides limited warranties in connection with the sale of its products. The warranty periods for products sold vary among the Company's operations, but the majority do not exceed one year. The Company calculates its warranty expense provision based on its historical warranty experience and adjustments are made periodically to reflect actual warranty expenses. Product warranty obligations are reported as a component of Accrued liabilities and other in the consolidated balance sheet.

Changes in the accrued product warranty obligation were as follows:

	Three Months Ended March 31,				
		2024		2023	
		usands)			
Balance at the beginning of the period	\$	37,087	\$	26,487	
Accruals for warranties issued during the period		4,867		3,411	
Settlements made during the period		(5,761)		(3,224)	
Warranty accruals related to acquired businesses and other during the period		32		133	
Balance at the end of the period	\$	36,225	\$	26,807	

Accounts Receivable

The Company maintains allowances for estimated losses resulting from the inability of customers to meet their financial obligations to the Company. The Company recognizes an allowance for credit losses, on all accounts receivable and contract assets, which considers risk of future credit losses based on factors such as historical experience, contract terms, as well as general and market business conditions, country, and political risk. Balances are written off when determined to be uncollectible.

At March 31, 2024, the Company had \$983.9 million of accounts receivable, net of allowances of \$13.3 million. Changes in the allowance were not material for the three months ended March 31, 2024.

4. Earnings Per Share

The calculation of basic earnings per share is based on the weighted average number of common shares considered outstanding during the periods. The calculation of diluted earnings per share reflects the effect of all potentially dilutive securities (principally outstanding stock options and restricted stock grants). The number of weighted average shares used in the calculation of basic earnings per share and diluted earnings per share was as follows:

	Three Months E	Ended March 31,
	2024	2023
	(In tho	usands)
Weighted average shares:		
Basic shares	231,097	230,126
Equity-based compensation plans	938	1,103
Diluted shares	232,035	231,229

The calculation of diluted earnings per share for the three months ended March 31, 2024 excluded an immaterial number of stock options because the exercise prices of these stock options exceeded the average market price of the Company's common shares, and the effect of their inclusion would have been antidilutive. There were no antidilutive shares for the three months ended March 31, 2023.

5. Fair Value Measurements

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date.

The Company utilizes a valuation hierarchy for disclosure of the inputs to the valuations used to measure fair value. This hierarchy prioritizes the inputs into three broad levels as follows. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities. Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument. Level 3 inputs are unobservable inputs based on the Company's own assumptions used

to measure assets and liabilities at fair value. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement.

The following table provides the Company's assets that are measured at fair value on a recurring basis, consistent with the fair value hierarchy, at March 31, 2024 and December 31, 2023:

	March 31, 2024							
	 Total		Level 1	Le	vel 2	Level 3		
			(In tho	usands)				
Mutual fund investments	\$ 12,427	\$	12,427	\$	— \$	_		
Foreign currency forward contracts	(733)			— (73		(733) — (733)		_
	December 31, 2023							
	Total		Level 1	Le	vel 2	Level 3		
	 (In thousands)							
Mutual fund investments	\$ 11,922	\$	11,922	\$	— \$	_		
Foreign currency forward contracts	2,035		_		2,035	_		

The fair value of mutual fund investments is based on quoted market prices. The mutual fund investments are shown as a component of investments and other assets on the consolidated balance sheet.

For the three months ended March 31, 2024 and 2023, gains and losses on the investments noted above were not significant. No transfers between level 1 and level 2 investments occurred during the three months ended March 31, 2024 and 2023.

Foreign Currency

At March 31, 2024, the Company had a Euro forward contract for a total notional value of 50.0 million Euros. The foreign currency forward contract is valued as a level 2 liability as it is corroborated by foreign currency exchange rates and shown as a component of other current liabilities on the consolidated balance sheet. For the three months ended March 31, 2024, realized and unrealized gains and losses on the foreign currency forward contracts were not significant.

Financial Instruments

Cash, cash equivalents and mutual fund investments are recorded at fair value at March 31, 2024 and December 31, 2023 in the accompanying consolidated balance sheet.

The following table provides the estimated fair values of the Company's financial instrument liabilities, for which fair value is measured for disclosure purposes only, compared to the recorded amounts at March 31, 2024 and December 31, 2023:

	March 31, 2024			December 31, 2023			
	 Recorded			Recorded			
	 Amount	Fair Value		Amount	Fair Value		
		(In t	housands)	_		
Long-term debt (including current portion)	\$ (2,179,727)	\$ (2,072,710) \$	(2,197,538) \$	(2,087,607)		

The fair value of net short-term borrowings approximates the carrying value. The Company's net long-term debt is all privately held with no public market for this debt, therefore, the fair value of net long-term debt was computed based on comparable current market data for similar debt instruments and is considered a level 3 liability.

6. Hedging Activities

The Company has designated certain foreign-currency-denominated long-term borrowings as hedges of the net investment in certain foreign operations. As of March 31, 2024, these net investment hedges included British-pound-and Euro-denominated long-term debt. These borrowings were designed to create net investment hedges in certain designated foreign subsidiaries. The Company designated the British-pound- and Euro-denominated loans as hedging instruments to offset

translation gains or losses on the net investment due to changes in the British pound and Euro exchange rates. These net investment hedges are evidenced by management's contemporaneous documentation supporting the hedge designation. Any gain or loss on the hedging instruments (the debt) following hedge designation is reported in accumulated other comprehensive income in the same manner as the translation adjustment on the hedged investment based on changes in the spot rate, which is used to measure hedge effectiveness.

At March 31, 2024, the Company had \$284.3 million of British-pound-denominated loans, which were designated as a hedge against the net investment in British pound functional currency foreign subsidiaries. At March 31, 2024, the Company had \$558.3 million in Euro-denominated loans, which were designated as a hedge against the net investment in Euro functional currency foreign subsidiaries. As a result of the British-pound- and Euro-denominated loans designated and 100% effective as net investment hedges, \$16.2 million of pre-tax currency remeasurement gains have been included in the foreign currency translation component of other comprehensive income for the three months ended March 31, 2024.

7. Inventories, net

	March 31, 2024		December 31, 2023
	 (In the	usands))
Finished goods and parts	\$ 147,747	\$	136,003
Work in process	167,751		165,914
Raw materials and purchased parts	811,830		830,554
Total inventories, net	\$ 1,127,328	\$	1,132,471

8. Leases

The Company has commitments under operating leases for certain facilities, vehicles and equipment used in its operations. Cash used in operations for operating leases was not materially different from operating lease expense for the three months ended March 31, 2024 and 2023. The Company's leases have a weighted average remaining lease term of approximately 7 years. Certain lease agreements contain provisions for future rent increases.

The components of lease expense were as follows:

		Three Mo Mar	nths En ch 31,	ded
	2024		2024 20	
		(In thousands)		
Operating lease cost	\$	17,604	\$	14,677
Variable lease cost		3,191		3,230
Total lease cost	\$	20,795	\$	17,907

Supplemental balance sheet information related to leases was as follows:

	March 31, 2024		D	ecember 31, 2023
		(In tho	_	
Right of use assets, net	\$	219,887	\$	229,723
Lease liabilities included in Accrued Liabilities and other		60,058		61,055
Lease liabilities included in Other long-term liabilities		173,811		182,436
Total lease liabilities	\$	233,869	\$	243,491

Maturities of lease liabilities as of March 31, 2024 were as follows:

Lease Liability Maturity Analysis	Operating Leases	
		(In thousands)
Remaining 2024	\$	45,287
2025		49,818
2026		40,043
2027		28,987
2028		21,126
Thereafter		85,921
Total lease payments		271,182
Less: imputed interest		37,313
	\$	233,869

The Company does not have any significant leases that have not yet commenced.

9. Acquisitions

The initial accounting for the December 2023 Paragon Medical acquisition is being finalized, including the measurement of the acquired tangible and intangible assets and liabilities, as well as, the associated income tax considerations. All amounts could change, potentially materially, as there is significant additional information that the Company must obtain to finalize the valuations of the assets acquired and liabilities assumed, and to finalize the value of the intangible assets.

The Company finalized its measurements of tangible and intangible assets and liabilities for its August 2023 acquisition of United Electronic Industries, which had no material impact to the consolidated statement of income and balance sheet. The Company is in the process of finalizing the measurement of the intangible assets and tangible assets and liabilities, including accounting for income taxes, for its October 2023 acquisition of Amplifier Research Corp.

10. Goodwill

The changes in the carrying amounts of goodwill by segment were as follows:

	EIG		EMG		Total
				(In millions)	
Balance at December 31, 2023	\$	4,365.0	\$	2,082.6	\$ 6,447.6
Purchase price allocation adjustments and other		11.8		0.6	12.4
Foreign currency translation adjustments		(16.0)		(5.3)	(21.3)
Balance at March 31, 2024	\$	4,360.8	\$	2,077.9	\$ 6,438.7

11. Income Taxes

At March 31, 2024, the Company had gross uncertain tax benefits of \$244.1 million, of which \$195.1 million, if recognized, would impact the effective tax rate.

The following is a reconciliation of the liability for uncertain tax positions (in millions):

Balance at December 31, 2023	\$ 233.5
Additions for tax positions	10.6
Reductions for tax positions	_
Balance at March 31, 2024	\$ 244.1

The additions above primarily reflect the tax positions for foreign tax planning initiatives. The Company recognizes interest and penalties accrued related to uncertain tax positions in income tax expense. The amounts recognized in income tax expense for interest and penalties during the three months ended March 31, 2024 and 2023 were not significant.

The effective tax rate for the three months ended March 31, 2024 was 18.5%, compared with 19.5% for the three months ended March 31, 2023. The lower effective tax rate in the first quarter of 2024 is primarily due to lower foreign and state taxes compared to the first quarter of 2023.

12. Share-Based Compensation

The Company's share-based compensation plans are described in Note 11, Share-Based Compensation, to the consolidated financial statements in Part II, Item 8, filed on the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

Share Based Compensation Expense

Total share-based compensation expense was as follows:

		Three Mo Mar	nths Ende	d	
	2024			2023	
		ousands))		
Stock option expense	\$	3,509	\$	3,584	
Restricted stock expense		4,797		5,040	
Performance restricted stock unit expense		635		1,655	
Total pre-tax expense	\$	8,941	\$	10,279	

Pre-tax share-based compensation expense is included in the consolidated statement of income in either Cost of sales or Selling, general and administrative expenses, depending on where the recipient's cash compensation is reported.

Stock Options

The fair value of each stock option grant is estimated on the grant date using a Black-Scholes-Merton option pricing model. The following weighted average assumptions were used in the Black-Scholes-Merton model to estimate the fair values of stock options granted during the periods indicated:

	onths Ended h 31, 2024	Year Ended December 31, 2023
Expected volatility	 28.2 %	26.0 %
Expected term (years)	5.0	5.0
Risk-free interest rate	4.31 %	3.54 %
Expected dividend yield	0.62 %	0.72 %
Black-Scholes-Merton fair value per stock option granted	\$ 56.42	\$ 38.11

The following is a summary of the Company's stock option activity and related information:

Shares	Weighted Average Exercise Price		Average Exercise		Weighted Average Remaining Contractual Life		Aggregate Intrinsic Value
(In thousands)			(Years)		(In millions)		
2,741	\$	101.20					
231		181.93					
(321)		79.67					
(8)		139.23					
2,643	\$	110.77	6.9	\$	190.7		
1,962	\$	96.35	6.1	\$	169.8		
	(In thousands) 2,741 231 (321) (8) 2,643	(In thousands) 2,741 \$ 231 (321) (8) 2,643 \$	Shares Exercise Exercise Price	Weighted Average Average Remaining Contractual Life	Weighted Average Remaining Contractual Life Years		

The aggregate intrinsic value of stock options exercised during the three months ended March 31, 2024 was \$30.0 million. The total fair value of stock options vested during the three months ended March 31, 2024 was \$14.5 million. As of March 31, 2024, there was approximately \$26.5 million of expected future pre-tax compensation expense related to the 0.7 million non-vested stock options outstanding, which is expected to be recognized over a weighted average period of approximately two years.

Restricted Stock

The following is a summary of the Company's non-vested restricted stock activity and related information:

	Shares	Weighted Average Grant Date Fair Value
	(In thousands)	
Non-vested restricted stock outstanding at December 31, 2023	296	\$ 135.39
Granted	144	181.93
Vested	(135)	132.65
Forfeited	(3)	139.47
Non-vested restricted stock outstanding at March 31, 2024	302	\$ 158.83

The total fair value of restricted stock vested during the three months ended March 31, 2024 was \$18.0 million. As of March 31, 2024, there was approximately \$43.2 million of expected future pre-tax compensation expense related to the 0.3 million non-vested restricted shares outstanding, which is expected to be recognized over a weighted average period of approximately two years.

Performance Restricted Stock Units

In March 2024, the Company granted performance restricted stock units ("PRSU") to officers and certain key management-level employees. The PRSUs vest over a period up to three years from the grant date based on continuous service, with the number of shares earned (0% to 200% of the target award) depending upon the extent to which the Company achieves certain financial and market performance targets measured over the period from January 1 of the year of grant to December 31 of the third year. Half of the PRSUs were valued in a manner similar to restricted stock as the financial targets are based on the Company's operating results, which represents a performance condition. The grant date fair value of these PRSUs are recognized as compensation expense over the vesting period based on the probable number of awards to vest at each reporting date.

The other half of the PRSUs were valued using a Monte Carlo model as the performance target is related to the Company's total shareholder return compared to a group of peer companies, which represents a market condition. The Company recognizes the grant date fair value of these awards as compensation expense ratably over the vesting period.

The following is a summary of the Company's non-vested performance restricted stock activity and related information:

	Shares	 Weighted Average Grant Date Fair Value
	(In thousands)	
Non-vested performance restricted stock outstanding at December 31, 2023	239	\$ 131.90
Granted	77	181.93
Performance assumption change ¹	24	121.91
Vested	(99)	121.91
Forfeited	_	_
Non-vested performance restricted stock outstanding at March 31, 2024	241	\$ 151.05

¹ Reflects the number of PRSUs above target levels based on performance metrics.

As of March 31, 2024, there was approximately \$17.9 million of expected future pre-tax compensation expense related to the 0.2 million non-vested restricted shares outstanding, which is expected to be recognized over a weighted average period of approximately one year.

13. Retirement and Pension Plans

The components of net periodic pension benefit expense (income) were as follows:

	Three Months Ended March 31,			
	2024 2023			2023
	(In thousands)			
Defined benefit plans:				
Service cost	\$	730	\$	740
Interest cost		6,989		7,501
Expected return on plan assets		(13,632)		(12,996)
Amortization of net actuarial loss and other		2,337		2,821
Pension income		(3,576)		(1,934)
Other plans:				
Defined contribution plans		14,595		13,516
Foreign plans and other		1,689		2,571
Total other plans		16,284		16,087
Total net pension expense	\$	12,708	\$	14,153

For defined benefit plans, the net periodic benefit income, other than the service cost component, is included in "Other (expense) income, net" in the consolidated statement of income.

For the three months ended March 31, 2024 and 2023, contributions to the Company's defined benefit pension plans were \$1.5 million and \$1.4 million, respectively. The Company's current estimate of 2024 contributions to its worldwide defined benefit pension plans is in line with the range disclosed in Note 12 of the Company's Annual Report on Form 10-K for the year ended December 31, 2023.

14. Contingencies

Asbestos Litigation

The Company (including its subsidiaries) has been named as a defendant in a number of asbestos-related lawsuits. Certain of these lawsuits relate to a business which was acquired by the Company and do not involve products which were manufactured or sold by the Company. In connection with these lawsuits, the seller of such business has agreed to indemnify the Company against these claims (the "Indemnified Claims"). The Indemnified Claims have been tendered to, and are being defended by, such seller. The seller has met its obligations, in all respects, and the Company does not have any reason to believe such party would fail to fulfill its obligations in the future. To date, no judgments have been rendered against the Company as a result of any asbestos-related lawsuit. The Company believes that it has good and valid defenses to each of these claims and intends to defend them vigorously.

Environmental Matters

Certain historic processes in the manufacture of products have resulted in environmentally hazardous waste by-products as defined by federal and state laws and regulations. At March 31, 2024, the Company is named a Potentially Responsible Party ("PRP") at 12 non-AMETEK-owned former waste disposal or treatment sites (the "non-owned" sites). The Company is identified as a "de minimis" party in a majority of these sites based on the low volume of waste attributed to the Company relative to the amounts attributed to other named PRPs. The Company is participating in the investigation and/or related required remediation as part of a PRP Group and reserves have been established to satisfy the Company's expected obligations. The Company historically has resolved these issues within established reserve levels and reasonably expects this result will continue. In addition to these non-owned sites, the Company has an ongoing practice of providing reserves for probable remediation activities at certain of its current or previously owned manufacturing locations (the "owned" sites). For claims and proceedings against the Company with respect to other environmental matters, reserves are established once the Company has determined that a loss is probable and estimable. This estimate is refined as the Company moves through the various stages of investigation, risk assessment, feasibility study and corrective action processes. In certain instances, the Company has developed a range of estimates for such costs and has recorded a liability based on the best estimate. It is reasonably possible that the actual cost of remediation of the individual sites could vary from the current estimates and the amounts accrued in the consolidated financial statements; however, the amounts of such variances are not expected to result in a material change to the consolidated financial statements. In estimating the Company's liability for remediation, the Company also considers the likely proportionate share of the anticipated remediation expense an

Total environmental reserves at March 31, 2024 and December 31, 2023 were \$35.6 million and \$37.1 million, respectively, for both non-owned and owned sites. For the three months ended March 31, 2024, the Company recorded \$3.3 million in reserves. Additionally, the Company spent \$4.8 million on environmental matters for the three months ended March 31, 2024.

The Company has agreements with other former owners of certain of its acquired businesses, as well as new owners of previously owned businesses. Under certain of the agreements, the former or new owners retained, or assumed and agreed to indemnify the Company against, certain environmental and other liabilities under certain circumstances. The Company and some of these other parties also carry insurance coverage for some environmental matters.

The Company believes it has established reserves for the environmental matters described above, which are sufficient to perform all known responsibilities under existing claims and consent orders. In the opinion of management, based on presently available information and the Company's historical experience related to such matters, an adequate provision for probable costs has been made and the ultimate cost resulting from these actions is not expected to materially affect the consolidated results of operations, financial position or cash flows of the Company.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Results of Operations

The following table sets forth net sales and income by reportable segment and on a consolidated basis:

	March 31,			
		2024		2023
		(In thousands)		
Net sales:				
Electronic Instruments	\$	1,156,779	\$	1,117,247
Electromechanical		579,401		479,870
Consolidated net sales	\$	1,736,180	\$	1,597,117
Operating income and income before income taxes:				
Segment operating income:				
Electronic Instruments	\$	352,940	\$	309,747
Electromechanical		90,691		120,504
Total segment operating income		443,631		430,251
Corporate administrative expenses		(26,415)		(24,710)
Consolidated operating income		417,216		405,541
Interest expense		(35,254)		(20,569)
Other (expense) income, net		(633)		(5,373)
Consolidated income before income taxes	\$	381,329	\$	379,599

Three Months Ended

For the quarter ended March 31, 2024, the Company posted record sales. Contributions from the acquisitions of Bison Gear & Engineering Corp. ("Bison") in March 2023, United Electronic Industries ("UEI") in August 2023, Amplifier Research Corp. ("Amplifier Research") in October 2023, and Paragon Medical ("Paragon") in December 2023, as well as our Operational Excellence initiatives, had a positive impact on the first quarter of 2024 results. In the first quarter of 2024, the Company recorded pre-tax integration costs related to the Paragon acquisition totaling \$29.2 million, of which \$22.4 million is employee severance. The integration costs reduced net income by \$22.2 million (\$0.10 per diluted share). The full year impact of the 2023 acquisitions, including the continued integration of Paragon, and focus on and implementation of our Operational Excellence initiatives are expected to have a positive impact on our 2024 results.

Results of operations for the first quarter of 2024 compared with the first quarter of 2023

Net sales for the first quarter of 2024 were \$1,736.2 million, an increase of \$139.1 million or 8.7%, compared with net sales of \$1,597.1 million for the first quarter of 2023. The increase in net sales for the first quarter of 2024 was due to a 9% increase from acquisitions.

Total international sales for the first quarter of 2024 were \$823.4 million or 47.4% of net sales, an increase of \$35.3 million or 4.5%, compared with international sales of \$788.1 million or 49.3% of net sales for the first quarter of 2023. The increase in international sales was primarily driven by contributions from recent acquisitions.

Orders for the first quarter of 2024 were \$1,662.7 million, a decrease of \$149.4 million or 8.2%, compared with \$1,812.1 million for the first quarter of 2023. The decrease in orders for the first quarter of 2024 was due to a 10% decline in organic orders and a 2% unfavorable effect of foreign currency translation, partially offset by a 3% increase from acquisitions. The Company's backlog of unfilled orders at March 31, 2024 was \$3,460.7 million, a decrease of \$73.4 million or 2.1% compared with \$3,534.1 million at December 31, 2023.

Segment operating income for the first quarter of 2024 was \$443.6 million, an increase of \$13.3 million or 3.1%, compared with segment operating income of \$430.3 million for the first quarter of 2023. Segment operating margins, as a percentage of net sales, decreased to 25.6% for the first quarter of 2024, compared with 26.9% for the first quarter of 2023. Segment operating income and operating margins for the first quarter of 2024 included \$29.2 million of integration costs related to the Paragon acquisition, which negatively impacted segment operating margins by 160 basis points. Segment operating margins were also negatively impacted in the first quarter of 2024 by the dilutive impact of the 2023 acquisitions. Excluding the dilutive impact of recent acquisitions and the Paragon integration costs, segment operating margins increased 200 basis

points compared to the first quarter of 2023, due to the continued benefits from the Company's Operational Excellence initiatives.

Cost of sales for the first quarter of 2024 was \$1,144.7 million or 65.9% of net sales, an increase of \$122.2 million or 11.9%, compared with \$1,022.5 million or 64.0% of net sales for the first quarter of 2023. Cost of sales for the first quarter of 2024 included \$29.2 million of Paragon integration costs discussed above. Excluding the impact of the Paragon integration costs, the cost of sales for the first quarter of 2024 was 64.2% of net sales.

Selling, general and administrative expenses for the first quarter of 2024 were \$174.3 million or 10.0% of net sales, an increase of \$5.2 million or 3.1%, compared with \$169.1 million or 10.6% of net sales for the first quarter of 2023. General and administrative expenses for the first quarter of 2024 were \$26.4 million, compared with \$24.7 million for the first quarter of 2023.

Consolidated operating income was \$417.2 million or 24.0% of net sales for the first quarter of 2024, an increase of \$11.7 million or 2.9%, compared with \$405.5 million or 25.4% of net sales for the first quarter of 2023. Operating income and operating margins for the first quarter of 2024 included \$29.2 million of integration costs related to the Paragon acquisition, which negatively impacted operating margins by 170 basis points. Operating margins were also negatively impacted in the first quarter of 2024 by the dilutive impact of the 2023 acquisitions. Excluding the dilutive impact of recent acquisitions and the Paragon integration costs, operating margins increased 180 basis points compared to the first quarter of 2023.

Other expense, net was \$0.6 million for the first quarter of 2024, compared with \$5.4 million of other expense, net for the first quarter of 2023. The decrease of \$4.7 million in the first quarter of 2024 is primarily driven by higher pension income of \$1.5 million, as well as higher interest income of \$1.2 million.

The effective tax rate for the first quarter of 2024 was 18.5%, compared with 19.5% for the first quarter of 2023. The lower effective tax rate in the first quarter of 2024 is primarily due to lower foreign and state taxes compared to the first quarter of 2023.

Net income for the first quarter of 2024 was \$310.9 million, an increase of \$5.2 million or 1.7%, compared with \$305.7 million for the first quarter of 2023.

Diluted earnings per share for the first quarter of 2024 were \$1.34, an increase of \$0.02 or 1.5%, compared with \$1.32 per diluted share for the first quarter of 2023.

Segment Results

EIG's net sales totaled \$1,156.8 million for the first quarter of 2024, an increase of \$39.6 million or 3.5%, compared with \$1,117.2 million for the first quarter of 2023. The net sales increase was due to a 1% increase in organic sales and a 3% increase from the recent acquisitions.

EIG's operating income was \$352.9 million for the first quarter of 2024, an increase of \$43.2 million or 13.9%, compared with \$309.7 million for the first quarter of 2023. EIG's operating margins were a record 30.5% of net sales for the first quarter of 2024, compared with 27.7% for the first quarter of 2023. EIG's operating margins increased in the first quarter of 2024 compared to the first quarter of 2023 due to the sales increase discussed above, as well as continued benefits from the Company's Operational Excellence initiatives.

EMG's net sales totaled \$579.4 million for the first quarter of 2024, an increase of \$99.5 million or 20.7%, compared with \$479.9 million for the first quarter of 2023. The net sales increase was due to a 25% increase from the recent acquisitions, partially offset by a 4% organic sales decrease. The organic sales decrease for the first quarter of 2024 is due to customer inventory normalization in our automation and engineered solutions core businesses

EMG's operating income was \$90.7 million for the first quarter of 2024, a decrease of \$29.8 million or 24.7%, compared with \$120.5 million for the first quarter of 2023. EMG's operating margins were 15.7% of net sales for the first quarter of 2024, compared with 25.1% for the first quarter of 2023. EMG's operating income and operating margins for the first quarter of 2024 included \$29.2 million of integration costs related to the Paragon acquisition, which negatively impacted segment operating margins by 500 basis points. Segment operating margins were also negatively impacted in the first quarter of 2024 by the dilutive impact of the 2023 acquisitions. Excluding the dilutive impact of recent acquisitions and the Paragon integration costs, segment operating margins decreased 100 basis points compared to the first quarter of 2023, due to the organic sales decrease discussed above.

Financial Condition

Liquidity and Capital Resources

Cash provided by operating activities totaled \$410.2 million for the first three months of 2024, an increase of \$23.7 million or 6.1%, compared with \$386.5 million for the first three months of 2023. The increase in cash provided by operating activities for the first three months of 2024 was primarily due to higher net income, net of noncash depreciation and amortization expense related to recent acquisitions.

Free cash flow (cash flow provided by operating activities less capital expenditures) was \$382.6 million for the first three months of 2024, compared with \$366.5 million for the first three months of 2023. EBITDA (earnings before interest, income taxes, depreciation and amortization) was \$512.8 million for the first three months of 2024, compared with \$481.7 million for the first three months of 2023. Free cash flow and EBITDA are presented because the Company is aware that they are measures used by third parties in evaluating the Company.

Cash used by investing activities totaled \$21.4 million for the first three months of 2024, compared with cash used by investing activities of \$122.2 million for the first three months of 2023. For the first three months of 2023, the Company paid \$99.3 million, net of cash acquired, to purchase Bison Gear & Engineering Corp. Additions to property, plant and equipment totaled \$27.7 million for the first three months of 2024, compared with \$20.0 million for the first three months of 2023.

Cash used by financing activities totaled \$417.5 million for the first three months of 2024, compared with cash used by financing activities of \$215.0 million for the first three months of 2023. At March 31, 2024, total debt, net was \$2,933.2 million, compared with \$3,313.3 million at December 31, 2023. For the first three months of 2024, total borrowings decreased by \$363.1 million compared with a \$155.5 million decrease for the first three months of 2023. At March 31, 2024, the Company had available borrowing capacity of \$2,187.5 million under its revolving credit facility, including the \$700 million accordion feature.

The debt-to-capital ratio was 24.6% at March 31, 2024, compared with 27.5% at December 31, 2023. The net debt-to-capital ratio (total debt, net less cash and cash equivalents divided by the sum of net debt and stockholders' equity) was 22.2% at March 31, 2024, compared with 25.0% at December 31, 2023. The net debt-to-capital ratio is presented because the Company is aware that this measure is used by third parties in evaluating the Company.

Additional financing activities for the first three months of 2024 included cash dividends paid of \$64.7 million, compared with \$57.5 million for the first three months of 2023. Effective February 9, 2024, the Company's Board of Directors approved a 12% increase in the quarterly cash dividend on the Company's common stock to \$0.28 per common share from \$0.25 per common share. The Company repurchased \$6.9 million of its common stock for the first three months of 2024, compared with \$6.5 million for the first three months of 2023. Proceeds from stock option exercises were \$23.6 million for the first three months of 2024, compared with \$10.4 million for the first three months of 2023.

As a result of all of the Company's cash flow activities for the first three months of 2024, cash and cash equivalents at March 31, 2024 totaled \$373.8 million, compared with \$409.8 million at December 31, 2023. At March 31, 2024, the Company had \$337.3 million in cash outside the United States, compared with \$375.9 million at December 31, 2023. The Company utilizes this cash to fund its international operations, as well as to acquire international businesses. The Company is in compliance with all covenants, including financial covenants, for all of its debt agreements. The Company believes it has sufficient cash-generating capabilities from domestic and unrestricted foreign sources, available credit facilities and access to long-term capital funds to enable it to meet its operating needs and contractual obligations in the foreseeable future.

Critical Accounting Policies

The Company's critical accounting policies are detailed in Part II, Item 7, Management's Discussion and Analysis of Financial Condition of its Annual Report on Form 10-K for the year ended December 31, 2023. Primary disclosure of the Company's significant accounting policies is also included in Note 1 to the Consolidated Financial Statements included in Part II, Item 8 of its Annual Report on Form 10-K.

Forward-Looking Information

Information contained in this discussion, other than historical information, is considered "forward-looking statements" and is subject to various factors and uncertainties that may cause actual results to differ significantly from expectations. These factors and uncertainties include risks related to the Company's ability to consummate and successfully integrate future

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acquisitions; risks associated with international sales and operations, including supply chain disruptions; the Company's ability to successfully develop new products, open new facilities or transfer product lines; the price and availability of raw materials; compliance with government regulations, including environmental regulations; changes in the competitive environment or the effects of competition in the Company's markets; the ability to maintain adequate liquidity and financing sources; and general economic conditions affecting the industries the Company serves. A detailed discussion of these and other factors that may affect the Company's future results is contained in AMETEK's filings with the U.S. Securities and Exchange Commission, including its most recent reports on Form 10-K, 10-Q, and 8-K. AMETEK disclaims any intention or obligation to update or revise any forward-looking statements, unless required by the securities laws to do so.

Item 4. Controls and Procedures

The Company maintains a system of disclosure controls and procedures that is designed to provide reasonable assurance that information, which is required to be disclosed, is accumulated and communicated to management in a timely manner. Under the supervision and with the participation of our management, including the Company's principal executive officer and principal financial officer, we have evaluated the effectiveness of our system of disclosure controls and procedures as required by Exchange Act Rule 13a-15(b) as of March 31, 2024. Based on that evaluation, the Company's principal executive officer and principal financial officer concluded that the Company's disclosure controls and procedures are effective at the reasonable assurance level

Such evaluation did not identify any change in the Company's internal control over financial reporting during the quarter ended March 31, 2024 that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II. OTHER INFORMATION

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

(c) Purchase of equity securities by the issuer and affiliated purchasers.

The following table reflects purchases of AMETEK, Inc. common stock by the Company during the three months ended March 31, 2024:

Period	Total Number of Shares Purchased (1)(2)	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plan (2)	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plan
January 1, 2024 to January 31, 2024	_	\$ _	_	\$ 816,130,993
February 1, 2024 to February 29, 2024	73	168.50	73	816,118,693
March 1, 2024 to March 31, 2024	41,228	167.42	41,228	809,216,260
Total	41,301	\$ 167.42	41,301	

⁽¹⁾ Represents shares surrendered to the Company to satisfy tax withholding obligations in connection with employees' share-based compensation awards.

Item 5. Other Information

Insider Trading Arrangements and Policies

During the quarter ended March 31, 2024, no director or officer of the Company adopted or terminated a "Rule 10b5-1 trading arrangement" or "non-Rule 10b5-1 trading arrangement," as each term is defined in Item 408(a) of Regulation S-K.

⁽²⁾ Consists of the number of shares purchased pursuant to the Company's Board of Directors \$1 billion authorization for the repurchase of its common stock announced in May 2022. Such purchases may be effected from time to time in the open market or in private transactions, subject to market conditions and at management's discretion.

Item 6. Exhibits

Exhibit Number	Description
<u>31.1*</u>	Certification of Chief Executive Officer, Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
<u>31.2*</u>	Certification of Chief Financial Officer, Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
<u>32.1*</u>	Certification of Chief Executive Officer, Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
<u>32.2*</u>	Certification of Chief Financial Officer, Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS*	XBRL Instance Document.
101.SCH*	XBRL Taxonomy Extension Schema Document.
101.CAL*	XBRL 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.
104	Cover Page Interactive Data File (formatted as inline XBRL with applicable taxonomy extension information contained in Exhibits 101).

^{*} Filed electronically herewith.

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.

AMETEK, Inc.

By: /s/ THOMAS M. MONTGOMERY

Thomas M. Montgomery
Senior Vice President – Comptroller
(Principal Accounting Officer)

May 2, 2024

CERTIFICATIONS

I, David A. Zapico, certify that:

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

Date: May 2, 2024

/s/ DAVID A. ZAPICO

David A. Zapico

Chairman of the Board and Chief Executive Officer

CERTIFICATIONS

I, Dalip M. Puri, certify that:

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

Date: May 2, 2024

/s/ DALIP M. PURI

Dalip M. Puri

Executive Vice President - Chief Financial Officer

AMETEK, Inc.

Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

In connection with the Quarterly Report of AMETEK, Inc. (the "Company") on Form 10-Q for the quarter ended March 31, 2024 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, David A. Zapico, Chairman of the Board and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (a) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (b) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ DAVID A. ZAPICO

David A. Zapico Chairman of the Board and Chief Executive Officer

Date: May 2, 2024

A signed original of this written statement required by Section 906 has been provided to AMETEK, Inc. and will be retained by AMETEK, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

AMETEK, Inc.

Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

In connection with the Quarterly Report of AMETEK, Inc. (the "Company") on Form 10-Q for the quarter ended March 31, 2024 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Dalip M. Puri, Executive Vice President – Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (a) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (b) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ DALIP M. PURI

Dalip M. Puri

Executive Vice President - Chief Financial Officer

Date: May 2, 2024

A signed original of this written statement required by Section 906 has been provided to AMETEK, Inc. and will be retained by AMETEK, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.