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): November 3, 2004

MINE SAFETY APPLIANCES COMPANY

(Exact name of registrant as specified in its charter) Pennsylvania 1-15579 25-0668780 (State or other jurisdiction of (Commission (IRS Employer incorporation or organization) File Number) Identification No.) 121 Gamma Drive **RIDC** Industrial Park O'Hara Township Pittsburgh, Pennsylvania 15238 (Address of principal executive offices) (Zip Code) Registrant's telephone number, including area code: 412-967-3000 Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 9.01. Exhibits

Exhibit Number	Description
99.1	Mine Safety Appliances Company Press Release dated November 3, 2004, announcing financial results for the quarter ended September 30, 2004.

Item 12. Results of Operations and Financial Condition.

On November 3, 2004, the Company issued a press release announcing its financial results for the quarter ended September 30, 2004. A copy of the press release is furnished herewith as Exhibit 99.1 to this report.

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.

MINE SAFETY APPLIANCES COMPANY (Registrant)

By /s/ Dennis L. Zeitler

Dennis L. Zeitler Vice President - Finance

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Date: November 3, 2004

EXHIBIT INDEX

Exhibit Number	Description
99.1	Mine Safety Appliances Company Press Release dated November 3, 2004, announcing financial results for the quarter ended September 30, 2004.



FROM: MSA (Mine Safety Appliances Company) Ticker: MSA (NYSE) Contact: Mark Deasy – (412) 967-3357

FOR IMMEDIATE RELEASE

MSA Announces Record Sales and Earnings

Global Safety Equipment Manufacturer Continues Strong Performance

- Net Sales Increase 28%
- Net Income from Continuing Operations Up 74%
- Strong Performance Continues to be Led by Military, Homeland Security and Fire Service Sales in North America

PITTSBURGH, November 3, 2004 – MSA (NYSE: MSA) today announced that net sales for the third quarter of 2004 were \$219,962,000, compared with \$171,927,000 for the third quarter of 2003, an increase of \$48.0 million, or 28 percent. Net income from continuing operations for the third quarter of 2004 improved 74 percent to \$19,111,000, or \$.51 per basic share, compared with \$10,984,000, or \$.30 per basic share, for the same quarter last year.

Net sales for the nine months ended September 30, 2004 were \$627,566,000, compared with \$508,257,000 in 2003, an increase of \$119.3 million, or 23 percent. Net income from continuing operations for the nine months ended September 30, 2004 improved 58 percent to \$53,367,000, or \$1.44 per basic share, compared with \$33,675,000, or \$.91 per basic share, for the same period last year.

Including the sale of a discontinued business in September 2003, noted below, net income for the third quarter of 2004 was \$19,111,000, or \$.51 per basic share, compared with \$24,540,000, or \$.67 per basic share, for the same quarter last year. Net income for the nine months ended September 30, 2004 was \$53,367,000, or \$1.44 per basic share, compared with \$50,018,000, or \$1.36 per basic share, for the same period last year. Third quarter 2003 and year-to-date 2003 net income included income of \$13,556,000, or \$.37 per basic share, and \$16,343,000, or \$.45 per basic share, respectively, related to the Callery Chemical Division which was sold to BASF Corporation in September 2003 for a gain of \$13,658,000.

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Third quarter sales growth occurred primarily in the company's North American segment, led by strong shipments of self-contained breathing apparatus (SCBA) and thermal imaging cameras (TICs) to the fire service market, and Advanced Combat Helmets and gas masks to homeland security and military markets. The company's broad range of sophisticated new products are selling well, assisted by higher government funding to support the fire service, homeland security and the war on terrorism.

The company continues to see strong demand for its latest generation of SCBAs and Millennium® Gas Masks, which were among the first such devices to meet new performance standards adopted by the National Fire Protection Association (NFPA) and the National Institute for Occupational Safety and Health (NIOSH) for protection against chemical, biological, radiological and nuclear (CBRN) agents. These standards are helping to provide first responders with higher levels of protection against possible terrorist attacks. Shipments of the Advanced Combat Helmet, which was recognized as one of the Greatest Inventions of 2002 by the U.S. Army, were also significantly higher during the current quarter.

MSA's Evolution® 5000 TIC, which combines the functionality and durability required by the fire service with features and performance not found on other small format cameras, continues to be the camera of choice in the fire service market. Sales of instrument products also grew significantly on improved industrial market demand for the company's latest generation portable instruments, such as the Solaris® Multigas Detector, which is one of the smallest and lightest four-gas monitors available today. Industrial helmet sales in North America have also been good.

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Local currency sales in the company's European segment grew modestly during the quarter and were assisted by the acquisition of Sordin AB, a leading manufacturer of passive and electronic hearing protection devices for the industrial, law enforcement and military markets. In MSA's International segment, local currency sales during the third quarter were somewhat higher due to improved performance in Latin America and the Asia Pacific region. When stated in U.S. dollars, reported sales in these segments also increased modestly as a result of favorable currency translation effects associated with a stronger Euro, Australian Dollar, and South African Rand.

Third quarter income growth occurred primarily in the company's North American segment and is a result of the previously discussed sales growth. Income also improved in MSA's European segment, primarily as a result of the Sordin acquisition. International segment income also improved on higher sales.

"Our strong performance, which continues a trend that began several years ago, is the direct result of our focus on key markets and customers, including the fire service, homeland security and the military," said John T. Ryan III, MSA Chairman and CEO. "We have been particularly diligent in identifying promising markets and developing innovative products that meet new performance standards and anticipate end-user needs. I am particularly pleased by the diversity of our sales performance in North America where we have shown sales gains in almost every active commercial product area, including those driven by special government funding and those that are not. I believe that a heightened commitment to worker safety and a focus on homeland security throughout the world will continue to provide MSA with attractive opportunities to respond to and meet customers' safety equipment needs across a wide range of enduser markets and applications," Mr. Ryan said.

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About MSA:

Established in 1914, MSA is a global leader in the development, manufacture and supply of sophisticated safety products that protect people's health and safety. Sophisticated safety products typically integrate any combination of electronics, mechanical systems and advanced materials to protect users against hazardous or life-threatening situations. The company's comprehensive line of products is used by workers around the world in the fire service, homeland security, construction and other industries, as well as the military. MSA products include self-contained breathing apparatus, gas masks, gas detection instruments, head protection, respirators and thermal imaging cameras. The company also provides a broad offering of consumer and contractor safety products through retail channels. These products are marketed and sold under the MSA Safety Works brand name. MSA has manufacturing operations throughout the United States and Europe and 28 international affiliates. More information about MSA is available on the company's Web site at www.msanet.com.

Cautionary Statement Regarding Forward-Looking Statements:

Except for historical information, the matters discussed in this press release are forward-looking statements within the meaning of the Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements, including without limitation all projections and anticipated levels of future performance, involve risks, uncertainties and other factors that may cause our actual results to differ materially from those discussed herein. These risks, uncertainties and other factors are detailed from time to time in our filings with the United States Securities and Exchange Commission ("SEC"), including without limitation our most recent filing on Form 10-K, filed on March 15, 2004 and our Form S-3/A, filed on June 23, 2004. You are strongly urged to review all such filings for a more detailed discussion of such risks and uncertainties. Our SEC filings are readily obtainable at no charge at www.sec.gov, as well as on a number of other commercial web sites.

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Mine Safety Appliances Company Consolidated Condensed Statement of Income (Unaudited)

(In thousands, except earnings per share and shares outstanding)

Three Months Ended September 30			Nine Months Ended September 30				
	2004		2003		2004		2003
\$	219,962	\$	171,927	\$	627,566	\$	508,257
	2,018		1,586		3,482		2,116
	128,227		102,010		362,166		299,149
	50,352		41,761		145,229		123,076
	5,588		5,599		15,890		15,495
	6,647		5,522		18,228		16,572
	996		1,033		2,725		3,325
	(951)		(121)		969		(1,922)
	31,121		17,709		85,841		54,678
	12,010		6,725		32,474		21,003
	19.111		10.984		53.367		33,675
	,						2,685
							,
			13,658				13,658
	19,111		24,540		53,367		50,018
	.51		.30		1.44		.91
			.37				.45
	.51		.67		1.44		1.36
	.50		.29		1.40		.91
			.36				.44
	.50	_	.65		1.40	_	1.35
37	,126,586	3	6,743,757	3'	7,048,383	3	6,690,147
		Septem 2004 \$ 219,962 2,018 128,227 50,352 5,588 6,647 996 (951) 31,121 12,010 19,111 19,111 5,51 5,50 5,50	September 30 2004 \$ 219,962 \$ 2,018 128,227 50,352 5,588 6,647 996 (951)	September 30 2004 2003 \$ 219,962 \$ 171,927 2,018 1,586 128,227 102,010 50,352 41,761 5,588 5,599 6,647 5,522 996 1,033 (951) (121) 31,121 17,709 12,010 6,725 19,111 10,984 (102) 13,658 19,111 24,540 .51 .37 .51 .67 .50 .29 .50 .29 .50 .29 .50 .65	September 30 2004 2003 \$ 219,962 \$ 171,927 \$ 2,018 1,586 128,227 102,010 50,352 41,761 5 5 9,558 5,599 6,647 5,522 996 1,033 9 9 128,227 102,010 5 3 996 1,033 9 1 1 996 1,033 9 1 1 991 (121) 1 1 1 31,121 17,709 1 2,010 6,725 1 19,111 10,984 1 1 1 1 19,111 10,984 1 1 1 1 1 .51 .30 .37 .31 .51 .37 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .3	September 30 September 30 2004 2003 2004 \$ 219,962 \$ 171,927 \$ 627,566 2,018 1,586 3,482 128,227 102,010 362,166 50,352 41,761 145,229 5,588 5,599 15,890 6,647 5,522 18,228 996 1,033 2,725 (951) (121) 969 31,121 17,709 85,841 12,010 6,725 32,474 19,111 10,984 53,367 <	September 30 September 30 2004 2003 2004 \$ 219,962 \$ 171,927 \$ 627,566 \$ 2,018 1,586 3,482 128,227 102,010 362,166 50,352 41,761 145,229 5,588 5,599 15,890 6,647 5,522 18,228 996 1,033 2,725 (951) (121) 969 969 10,33 2,725 (951) (121) 969 10,33 2,725 10,211 12,010 6,725 32,474 10,111 10,984 53,367 10,111 19,111 24,540 53,367 10,124

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Mine Safety Appliances Company Consolidated Condensed Balance Sheet (Unaudited)

(In thousands)	September 30, 2004	December 31, 2003
Current assets		
Cash and cash equivalents	\$ 62,210	\$ 73,244
Trade receivables, net	160,565	129,900
Inventories	112,396	90,103
Other current assets	33,961	30,995
Total current assets	369,132	324,242
Property, plant and equipment, net	120,936	120,560
Prepaid pension cost	130,243	121,290
Goodwill	48,142	44,810
Other non-current assets	31,408	32,983
Total	699,861	643,885
Current liabilities		
Notes payable and current portion of long-term debt	\$ 5,365	\$ 5,666
Accounts payable	37,973	40,029
Other current liabilities	82,242	69,020
Total current liabilities	125,580	114,715
Long-term debt	59,911	59,915
Pension and other employee benefits	76,189	74,808
Deferred tax liabilities	75,639	70,845
Other non-current liabilities	13,157	15,744
Shareholders' equity	349,385	307,858
	699,861	643,885

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Mine Safety Appliances Company Segment Information (Unaudited)

		onths Ended mber 30	Nine Months Ended September 30		
(In thousands)	2004	2003	2004	2003	
Net Sales					
North America	\$151,197	\$112,889	\$424,846	\$331,054	
Europe	40,739	34,890	121,795	106,164	
International	28,026	24,148	80,925	71,039	
Total	219,962	171,927	627,566	508,257	
Net income from continuing operations					
North America	\$ 16,022	\$ 9,636	\$ 44,492	\$ 26,681	
Europe	1,304	686	4,447	2,750	
International	2,230	919	5,522	3,792	
Reconciling	(445)	(257)	(1,094)	452	
	19,111	10,984	53,367	33,675	

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