

# FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL	
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## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person* <b>ROURKE JAMES H</b>			2. Issuer Name and Ticker or Trading Symbol <b>MUELLER INDUSTRIES INC [MLI]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ <b>Group VP &amp; General Manager</b>		
(Last) 8353 COLONY DR	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/16/2005					
(Street) CLAY TOWNSHIP, MI 48001			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>					

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/16/2005		M		10,174	A	\$ 23.803	56,307	D	
Common Stock	02/16/2005		M		21,501	A	\$ 14.074	77,808	D	
Common Stock	02/16/2005		M		18,814	A	\$ 22.09	96,622	D	
Common Stock	02/16/2005		M		12,448	A	\$ 15.202	109,070	D	
Common Stock	02/16/2005		M		18,673	A	\$ 18.701	127,743	D	
Common Stock	02/16/2005		M		18,673	A	\$ 20.403	146,416	D	
Common Stock	02/16/2005		M		12,448	A	\$ 16.615	158,864	D	
Common Stock	02/16/2005		M		6,224	A	\$ 20.718	165,088	D	
Common Stock	02/16/2005		S		68,955	D	\$ 31.266	96,133	D	
Common Stock	02/16/2005		S		50,000	D	\$ 31.26	46,133	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$ 23.803 <u>(1)</u>	02/16/2005		M		10,174 <u>(1)</u>	<u>(2)</u>	07/01/2008	Common Stock	10,174	\$ 0	5,387 <u>(1)</u>	D	

Employee Stock Option (Right to Buy)	\$ 14.074 <a href="#">(1)</a>	02/16/2005		M			21,501 <a href="#">(1)</a>	<a href="#">(3)</a>	10/29/2008	Common Stock	21,501	\$ 0	1,840 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 22.09 <a href="#">(1)</a>	02/16/2005		M			18,814 <a href="#">(1)</a>	<a href="#">(4)</a>	12/13/2009	Common Stock	18,814	\$ 0	4,527 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 15.202 <a href="#">(1)</a>	02/16/2005		M			12,448 <a href="#">(1)</a>	<a href="#">(5)</a>	12/21/2000	Common Stock	12,448	\$ 0	3,113 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 18.701 <a href="#">(1)</a>	02/16/2005		M			18,673 <a href="#">(1)</a>	<a href="#">(6)</a>	11/06/2011	Common Stock	18,673	\$ 0	4,668 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 20.403 <a href="#">(1)</a>	02/16/2005		M			18,673 <a href="#">(1)</a>	<a href="#">(7)</a>	02/13/2012	Common Stock	18,673	\$ 0	12,449 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 16.615 <a href="#">(1)</a>	02/16/2005		M			12,448 <a href="#">(1)</a>	<a href="#">(8)</a>	02/13/2013	Common Stock	12,448	\$ 0	18,674 <a href="#">(1)</a>	D
Employee Stock Option (Right to Buy)	\$ 20.718 <a href="#">(1)</a>	02/16/2005		M			6,224 <a href="#">(1)</a>	02/10/2005	02/10/2014	Common Stock	6,224	\$ 0	24,898 <a href="#">(1)</a>	D

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROURKE JAMES H 8353 COLONY DR CLAY TOWNSHIP, MI 48001			Group VP & General Manager	

## Signatures

/s/ James H. Rourke	02/18/2005
**Signature of Reporting Person	Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

- (1) The exercise price and number of stock options reported on this form reflect an equitable adjustment made to all outstanding stock options concurrent with the Company's recapitalization by special dividend in the fourth quarter of 2004.
- (2) Exercisable as follows: 3,112 on 7/01/1999; 3,112 on 7/01/2000; 3,112 on 7/01/2001; and 838 on 07/02/2002.
- (3) Exercisable as follows: 4,668 on 10/29/1999; 4,668 on 10/29/2000; 4,668 on 10/29/2001; 4,669 on 10/29/2002; and 2,828 on 10/29/2003.
- (4) Exercisable as follows: 4,668 on 12/13/2000; 4,668 on 12/13/2001; 4,668 on 12/13/2002; 4,669 on 12/13/2003; and 141 on 12/13/2004.
- (5) Exercisable as follows: 3,112 on 12/21/2001; 3,112 on 12/2/2002; 3,112 on 12/21/2003; and 3,112 on 12/21/2004.
- (6) Exercisable as follows: 9,336 on 11/06/2002; 4,668 on 11/06/2003; and 4,669 on 11/06/2004.
- (7) Exercisable as follows: 6,224 on 02/13/2003; 6,224 on 02/13/2004; and 6,225 on 02/13/2005.
- (8) Exercisable as follows: 6,224 on 02/10/2004 and 6,224 on 02/10/2005.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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