

Maue Richard A
Form 4
May 25, 2010

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
Maue Richard A

(Last) (First) (Middle)
100 FIRST STAMFORD PLACE
(Street)

STAMFORD, CT 06902

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
CRANE CO /DE/ [CR]

3. Date of Earliest Transaction (Month/Day/Year)
05/24/2010

4. If Amendment, Date Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
___ Officer (give title below) ___ Other (specify below)

Vice President, Controller

6. Individual or Joint/Group Filing (Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. D
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Share Unit	(1)	05/24/2010	A	2,000					(3)	(4)	CRANE CO. COMMON, PAR VALUE \$1.00	2,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Maue Richard A 100 FIRST STAMFORD PLACE STAMFORD, CT 06902			Vice President, Controller	

Signatures

Attorney In Fact,
Christopher Dee
Date: 05/25/2010

**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) Each Restricted Share Unit represents the right to receive one share of Crane Co. Common Stock if the recipient remains employed by the Company upon expiration of the time-based restrictions, or upon retirement, death, permanent disability, or in the event of a change in control of the Company.
- (2) Each Restricted Share Unit represents the right to receive one share of Crane Co. Common Stock if the recipient remains employed by the Company upon expiration of the time-based restrictions, or upon retirement, death, permanent disability, or in the event of a change in control of the Company.
- (3) 25% of the Restricted Share Units will be converted into shares of Common Stock on each of the first, second, third and fourth anniversaries of the grant, provided the recipient remains employed by the Company; all Restricted Share Units will be converted into shares of Common Stock upon retirement, death, permanent disability, or in the event of a change in control of the Company.
- (4) A Restricted Share Unit is forfeited if the recipient ceases to be employed by the Company before it has been converted to Common Stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.