MANITOWOC CO INC

Form 4

November 30, 2006

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

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

burden hours per response...

Estimated average

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * MUSIAL THOMAS G			2. Issuer Name and Ticker or Trading Symbol MANITOWOC CO INC [MTW]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
2400 SOUTH 44TH STREET		REET	(Month/Day/Year) 11/29/2006	Director 10% Owner _X Officer (give title Other (specify below) Sr. VP Human Resources		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Chec Applicable Line) _X_Form filed by One Reporting Person		
MANITOWOC, WI 54221-0066				Form filed by More than One Reporting Person		

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial Owned (Month/Day/Year) Direct (D) Ownership (Instr. 8) Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount Price Common 11/29/2006 M 37,070 Α \$ 9.75 108,994.076 D Stock Common 11/29/2006 M 35,000 \$ 12.615 143,994.076 D A Stock Common 11/29/2006 S 35,000 D 60.0094 108,994.076 D Stock (1) \$ Common S 60.0153 71,924.076 D 11/29/2006 37,070 D Stock

10,350.84

Ι

Common RSVP Stock 401k Plan

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 (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. Transacti Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securiti (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Emp StockOption (right to buy)	\$ 9.75	11/29/2006		M		37,070	10/17/2002	10/17/2010	Common Stock	37,0
Emp StockOption (right to buy)	\$ 12.615	11/29/2006		M		35,000	10/15/2004	10/15/2012	Common Stock	35,0

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	

Director 10% Owner Officer Officer

MUSIAL THOMAS G 2400 SOUTH 44TH STREET MANITOWOC, WI 54221-0066

Sr. VP Human Resources

Signatures

Maurice D. Jones, by Power of Attorney 11/30/2006

**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) Average price of shares sold. Sale prices ranged from a low of \$60.00 to a high of \$60.06.

Reporting Owners 2

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(2) Average price of shares sold. The sale prices ranged from a low of \$60.00 to a high of \$60.05.

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.