RANKIN BI	RUCE T									
Form 5 February 14,	2013									
								OMB A	PPROVAL	
FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Check this box if Washington, D.C. 20549								Number.	3235-0362 January 31,	
no longer subject Expires: Current of the construction of the public utility Holding Company Act of 1934, Form 4 Expires: 20 Sobligations OWNERSHIP OF SECURITIES Estimated average burden hours per response See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Form 4 30(h) of the Investment Company Act of 1940 Transactions Reported 30(h) of the Investment Company Act of 1940										
1. Name and A RANKIN B	Address of Reportin	2. Issuer Name and Ticker or Trading Symbol NACCO INDUSTRIES INC [NC]				5. Relationship of Reporting Person(s) to Issuer				
	(First) DUSTRIES, 5 LANDERBR E. 300	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2012				(Check all applicable) <u>Director</u> <u>10% Owner</u> Officer (give title <u>X</u> Other (specify below) Member of a group				
	(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Reporting (check applicable line)				
MAYFIELI HEIGHTS, A	O OH 44124						_X_ Form Filed by Form Filed by M Person			
(City)	(State)	(Zip)	Table	e I - Non-Deri	vative Secu	ırities Acqu	iired, Disposed of	, or Beneficial	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction E (Month/Day/Ye	ar) Executio any	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securiti Acquired Disposed (Instr. 3, 4) Amount	(A) or of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									BTR -	

Class A Common Stock	09/13/2012	Â	G	1,890	D	\$0	29,379	Ι	BTR - MAIN TRUST RAII <u>(1)</u>
Class A Common Stock	09/13/2012	Â	G	119	А	\$ 0	740	Ι	BTR Main Trust - Class A (2)
	Â	Â	Â	Â	Â	Â	15 705	T	

Class A Common Stock

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

Persons who respond to the collection of informationSEC 2270contained in this form are not required to respond unless(9-02)the form displays a currently valid OMB control number.(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. 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)	
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Class B Common Stock	Â	12/31/2012	Â	G	51,430	(4)	(4)	Class A Common Stock	51,430

Reporting Owners

Reporting Owner Name / Address		Relationships					
1	Director	10% Owner	Officer	Other			
RANKIN BRUCE T NACCO INDUSTRIES, INC. 5875 LANDERBROOK DRIVE, STE. 30 MAYFIELD HEIGHTS, OH 44124	00 Â	Â	Â	Member of a group			
Signatures							
/s/ John D. Neumann, attorney-in-fact	01/14/2013						
<u>**</u> 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) Represents the Reporting Person's proportionate limited partnership interests in shares held by Rankin Associates II, L.P., which is held in a trust for the benefit of Bruce T. Rankin. Reporting Person's brother serves as the Trustee of the Trust.
- (2) Held by Trust for the benefit of Reporting Person.
- (3) RA4-Represents the Reporting Person's proportionate limited partnership interest in shares of Rankin Assicates IV, L.P.
- (4) N/A

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(5) Represents the proportionate limited partnership interest in shares held by Rankin Associates I, L.P., which is held in a trust for the benefit of Bruce T. Rankin.

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Remarks:

"Remark on Insider Relationship" - As a member of a "group" deemed to own more than 10%Â c

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.