

BUTLER HELEN RANKIN  
 Form 5  
 February 14, 2018

**FORM 5**

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

OMB APPROVAL  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
**BUTLER HELEN RANKIN**  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
**NACCO INDUSTRIES INC [NC]**  
 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
**12/31/2017**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 \_\_\_ Officer (give title below)  Other (specify below)  
 Member of a Group

**NACCO INDUSTRIES, INC., 5875 LANDERBROOK DRIVE, STE. 220**  
 (Street)

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

6. Individual or Joint/Group Reporting  
 (check applicable line)

**MAYFIELD HEIGHTS, OH 44124**  
 (City) (State) (Zip)

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 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)
Class A Common Stock	12/14/2017	Â	G	81 A \$0 (1)	12,058	I	By RAI (2)
Class A Common Stock	12/14/2017	Â	G	163 A \$0 (1)	7,634	I	By RAI/Spouse (3)
Class A Common	12/14/2017	Â	G	163 D \$0 (1)	12,058	I	By RAI (2)

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Stock										
Class A Common Stock	12/14/2017	Â	G	163	A	\$ 0 (1)	8,211	I		By RAI/Child 1 (4)
Class A Common Stock	12/14/2017	Â	G	163	A	\$ 0 (1)	8,367	I		By RAI/Child 2 (4)
Class A Common Stock	12/14/2017	Â	G	163	D	\$ 0 (1)	12,058	I		By RAI (2)
Class A Common Stock	Â	Â	Â	Â	Â	Â	4,083	I		By Trust-Child 1 (5)
Class A Common Stock	Â	Â	Â	Â	Â	Â	3,927	I		By Trust-Child 2 (5)
Class A Common Stock	Â	Â	Â	Â	Â	Â	68,094	I		By Trust (6)
Class A Common Stock	Â	Â	Â	Â	Â	Â	2,800	I		By Spouse/IRA (7)
Class A Common Stock	Â	Â	Â	Â	Â	Â	63,638	I		By Spouse/Trust (8)

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

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(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)	8. Price of Underlying Security (Instr. 3 and 4)
	Â	Â	Â	Â	(A) (D) Â Â	Date Exercisable: Â (1) Expiration Date: Â (1)	Title: Amount or Number of Shares: 69,458	Â

Class B  
Common  
Stock

Class B  
Common Stock \$ 0     Â     Â     Â     Â     Â     Â     Â <sup>(1)</sup>     Â <sup>(1)</sup>

Class B  
Common  
Stock

Class B  
Common Stock Â     Â     Â     Â     Â     Â     Â <sup>(1)</sup>     Â <sup>(1)</sup>

Class A  
Common  
Stock

Class A  
Common Stock 41,827     Â

Class A  
Common Stock 9,195     Â

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director   10% Owner   Officer   Other

BUTLER HELEN RANKIN  
NACCO INDUSTRIES, INC.  
5875 LANDERBROOK DRIVE, STE. 220  
MAYFIELD HEIGHTS, OH 44124

Â     Â     Â     Member of a Group

## Signatures

/s/ Jesse L. Adkins,  
attorney-in-fact

02/14/2018

        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) N/A
- (2) Represents the Reporting Person's proportionate limited partnership interests in shares held by Rankin Associates II, L.P.
- (3) Represents the Reporting Person's spouse's proportionate limited partnership interests in shares held by Rankin Associates II, L.P. Reporting Person disclaims beneficial ownership of all such shares.
- (4) Represents the Reporting Person's child's proportionate limited partnership interests in shares held by Rankin Associates II, L.P. Reporting Person disclaims beneficial ownership of all such shares.
- (5) Held by Trust, John C. Butler, Jr., Trustee, for the benefit of Reporting Person's minor child. Reporting Person disclaims beneficial ownership of all such shares.
- (6) Held by Trust for the benefit of Reporting Person.
- (7) Held in an Individual Retirement Account for the benefit of the Reporting Person's spouse. Reporting Person disclaims beneficial ownership of all such shares.
- (8) Reporting Person's spouse serves as Trustee of the J.C. Butler, Jr. Revocable Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (9) RAI-Represents Reporting Person's limited partnership interest in shares held by Rankin Associates I, L.P.

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.