

Alison A. Rankin, as trustee fbo Elisabeth M. Rankin under Irrevocable Trust, dated December 18, 1997, with Roger Rankin, Grantor  
 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 \*  
 Alison A. Rankin, as trustee fbo Elisabeth M. Rankin under Irrevocable Trust, dated December 18, 1997, with Roger Rankin, Grantor

(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  
 \_\_\_\_ Officer (give title below)  
 \_\_\_\_ 10% Owner  
 Other (specify below)  
 Member of a Group

NACCO INDUSTRIES, INC., 5875 LANDERBROOK DR., SUITE 220

(Street)

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

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

CLEVELAND, 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                           | ^  | G                              | Amount (A) or (D) Price (1)                                       | 163 \$ 0   | I  | Proportionate limited partnership interest in         |

son A. Rankin, as trustee fbo Elisabeth M. Rankin under Irrevocable Trust, dated December 18, 1997, with Roger Rankin, C

|                            |            |   |   |    |   |             |        |   |  |
|----------------------------|------------|---|---|----|---|-------------|--------|---|--|
| Class A<br>Common<br>Stock | 12/14/2017 | Â | G | 81 | A | \$ 0<br>(1) | 15,176 | I | shares held by Rankin Associates II, L.P.<br><br>Proportionate limited partnership interest in shares held by Rankin Associates II, L.P. |
| Class A<br>Common<br>Stock | Â          | Â | Â | Â  | Â | Â           | 2,046  | D | Â  |

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 Derivative Security (Instr. 5) | 9. of D Se B O E Is Fi (I  |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|----------------------------|
|  |  |                                      |  |                                | (A) (D)   | Date Exercisable   | Expiration Date   | Title                                      | Amount or Number of Shares |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |                   |
|---|---------------|-----------|---------|-------------------|
|   | Director      | 10% Owner | Officer | Other             |
| Alison A. Rankin, as trustee fbo Elisabeth M. Rankin under Irrevocable Trust, dated December 18, 1997, with Roger Rankin, Grantor<br>NACCO INDUSTRIES, INC.<br>5875 LANDERBROOK DR., SUITE 220<br>CLEVELAND, 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

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.