

RANKIN ALFRED M ET AL  
Form 4  
February 28, 2005

**FORM 4** 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).

**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 \*  
RANKIN ALFRED M ET AL

2. Issuer Name and Ticker or Trading Symbol  
NACCO INDUSTRIES INC [NC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

NACCO INDUSTRIES, INC., 5875  
LANDERBROOK DRIVE, STE.  
300

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/24/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Dir CEO Group Member / Dir CEO Group Member

(Street)

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

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

MAYFIELD HEIGHTS, OH 44124

Form filed by One Reporting Person  
 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 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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  |                                | (A) or (D) Price  |   |  |   |
| Class A Common Stock            |                                      |  |                                |   | 32,800  | I  | By Trust 3 (Grandchildren) (12)                       |
| Class A Common Stock            |                                      |  |                                |   | 37,917  | I  | By Trust/Daughter 2 (13)                              |
| Class A Common Stock            |                                      |  |                                |   | 37,917  | I  | By Trust/Daughter 1 (13)                              |
|                                 |                                      |  |                                |   | 2,000   | I  |   |

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|                            |         |   |   |
|----------------------------|---------|---|---|
| Class A<br>Common<br>Stock |         |   | By Trust 4<br>(Charities) <u>(14)</u>         |
| Class A<br>Common<br>Stock | 26,608  | I | By Trust 2 (SR)<br><u>(15)</u>                |
| Class A<br>Common<br>Stock | 30,000  | I | By Trust<br>(Unitrust) <u>(16)</u>            |
| Class A<br>Common<br>Stock | 48,803  | I | By Assoc II <u>(17)</u>                       |
| Class A<br>Common<br>Stock | 14,000  | I | By IRA <u>(18)</u>                            |
| Class A<br>Common<br>Stock | 5,294   | I | By Assoc<br>II/Daughter 2 <u>(19)</u>         |
| Class A<br>Common<br>Stock | 1,975   | I | By RMI<br>(Delaware) <u>(20)</u>              |
| Class A<br>Common<br>Stock | 106,615 | I | By Trust (AMR)<br><u>(10)</u>                 |
| Class A<br>Common<br>Stock | 66,017  | I | By Trust (Assoc<br>II-BTR) <u>(21)</u>        |
| Class A<br>Common<br>Stock | 20,284  | I | By Spouse/Trust<br><u>(22)</u>                |
| Class A<br>Common<br>Stock | 5,294   | I | By Assoc<br>II/Daughter 1 <u>(19)</u>         |
| Class A<br>Common<br>Stock | 2,504   | I | By Trust<br>(Self-Declaration)<br><u>(23)</u> |
| Class A<br>Common<br>Stock | 14,000  | I | By Trust (CLTR)<br><u>(24)</u>                |
| Class A<br>Common<br>Stock | 0       | I | By Trust (Assoc<br>II-CLTR) <u>(25)</u>       |
| Class A<br>Common<br>Stock | 2,116   | I | By Assoc<br>II/Spouse <u>(26)</u>             |

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|                            |            |            |                  |         |   |      |        |   |                             |  |
|----------------------------|------------|------------|------------------|---------|---|------|--------|---|-----------------------------|--|
| Stock                      |            |            |                  |         |   |      |        |   |                             |  |
| Class A<br>Common<br>Stock | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 213,968 | D | \$ 0 | 86,625 | I | By RA4 (CLT) <sup>(2)</sup> |  |
| Class A<br>Common<br>Stock | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 42,288  | D | \$ 0 | 17,119 | I | By RA4 (BTR) <sup>(5)</sup> |  |
| Class A<br>Common<br>Stock | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 7,100   | D | \$ 0 | 2,875  | I | By RA4 <sup>(6)</sup>       |  |
| Class A<br>Common<br>Stock | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 18      | D | \$ 0 | 7      | I | By GP <sup>(7)</sup>        |  |

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.**

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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. Amount or Number of Shares |         |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|---------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                         |         |
| Class B<br>Common<br>Stock                 | <u>(1)</u>   |                                      |  |                                |   | <u>(1)</u>   | <u>(1)</u>  | Class A<br>Common<br>Stock    | 113,198 |
| Class B<br>Common<br>Stock                 | \$ 0 <u>(1)</u>  |                                      |  |                                |   | <u>(1)</u>   | <u>(1)</u>  | Class A<br>Common<br>Stock    | 126,507 |
| Class B<br>Common<br>Stock                 | <u>(1)</u>   |                                      |  |                                |   | <u>(1)</u>   | <u>(1)</u>  | Class A<br>Common<br>Stock    | 46,052  |
| Class B<br>Common<br>Stock                 | \$ 0 <u>(1)</u>  |                                      |  |                                |   | <u>(1)</u>   | <u>(1)</u>  | Class A<br>Common<br>Stock    | 106,923 |

|                            |                     |            |            |                  |         |                |                |                            |         |
|----------------------------|---------------------|------------|------------|------------------|---------|----------------|----------------|----------------------------|---------|
| Class B<br>Common<br>Stock | \$ 0 <sup>(1)</sup> | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 213,968 | <sup>(1)</sup> | <sup>(1)</sup> | Class A<br>Common<br>Stock | 213,968 |
| Class B<br>Common<br>Stock | \$ 0 <sup>(1)</sup> | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 18      | <sup>(1)</sup> | <sup>(1)</sup> | Class A<br>Common<br>Stock | 18      |
| Class B<br>Common<br>Stock | \$ 0 <sup>(1)</sup> | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 42,288  | <sup>(1)</sup> | <sup>(1)</sup> | Class A<br>Common<br>Stock | 42,288  |
| Class B<br>Common<br>Stock | \$ 0 <sup>(1)</sup> | 02/24/2005 | 02/24/2005 | J <sup>(3)</sup> | 7,100   | <sup>(1)</sup> | <sup>(1)</sup> | Class A<br>Common<br>Stock | 7,100   |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                         |                         |
|--|---------------|-----------|-------------------------|-------------------------|
|  | Director      | 10% Owner | Officer                 | Other                   |
| RANKIN ALFRED M ET AL<br>NACCO INDUSTRIES, INC.<br>5875 LANDERBROOK DRIVE, STE.<br>300<br>MAYFIELD HEIGHTS, OH 44124 | X             |           | Dir CEO Group<br>Member | Dir CEO Group<br>Member |

## Signatures

/s/Constantine E. Tsipis, attorney-in-fact for Alfred M.  
Rankin, Jr.

02/28/2005

<sup>\*\*</sup>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) (CTR RAIV) Represents the proportionate limited partnership interest in shares held by Rankin Associates IV, L.P., which is held in a trust for the benefit of Clara Rankin. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (3) Exchanged shares of Class A Common Stock held in Rankin Associates IV, L.P. for like amount of Class B Common Stock with another member of the Class B Group.
- (4) Represents the Preproting Person's proportionate limited partnership interest in shares of Rankin Associates Associates, IV, L.P. held by the Trust for the benefit of Reporting Person, as general partner.
- (5) (BTR RAIV) Represents the proportionate limited partnership interest in shares held by Rankin Associates IV, L.P., which is held in a trust for the benefit of Bruce T. Rankin. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (6) Proportionate limited partnership interest in shares held by Rankin Associates IV, L.P.
- (7) (GP) Represents the proportionate limited partnership interest in shares held by Rankin Associates IV, L.P. held by the Trust for the benefit of Reporting Person, as general partner.
- (8)

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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. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.

- (9) Represents the Reporting Person's proportionate limited partnership interest in shares held by Rankin Associates I, L.P.
- (10) Reporting Person serves as Trustee of a Trust for the benefit of the Alfred M. Rankin, Jr.  
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 Clara T. Rankin. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (11)
- (12) Reporting Person serves as Trustee of Trusts for the benefit of each of grantor's grandchildren. Each trust owns 4,800 shares. Reporting Person disclaims beneficial ownership of all such shares.
- (13) Reporting Person serves as Trustee for a Trust held for the Benefit of Reporting Person's daughter. Reporting Person disclaims beneficial ownership of all such shares.
- (14) Reporting Person serves as Trustee of Irrevocable Trust u/a/d 9/22/88, for the Benefit of Charities for a term of 20 years and then to grantor's grandchildren. Reporting Person disclaims beneficial ownership of all such shares.-----
- (15) Reporting Person serves as Trustee of Trusts for the benefit of the Estate of Alfred M. Rankin. Reporting Person disclaims beneficial ownership of all such shares.
- (16) Reporting Person serves as Trustee of the Clara T. Rankin Remainder Unitrust#2 u/a/d 1/5/77. Reporting Person disclaims beneficial ownership of all such shares.
- (17) Represents the Reporting Person's proportionate limited partnership interest in shares held by Rankin Associates II, L.P.
- (18) Held in an Individual Retirement Account for the benefit of the Reporting Person.  
Represents the Reporting Person's daughter's proportionate limited partnership interest in shares held by Rankin Associate II, L.P., which is held in a trust for the benefit of the daughter. Reporting Person is the co-trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (19)
- (20) Represents the Reporting Person's proportionate limited partnership interest in shares of Rankin Associates II, L.P. held by Rankin Management, Inc. ("RMI"), as general partner.  
Represents the proportionate limited partnership interest in shares held by Rankin Associates II, L.P., which is held in a trust for the benefit of Bruce T. Rankin. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (21)
- (22) Reporting Person's spouse serves as Trustee of a Trust for the benefit of Victoire G. Rankin. Reporting Person disclaims beneficial ownership of all such shares.
- (23) Reporting Person serves as the Trustee of the Alfred M. Rankin, Jr., Self-Declaration Irrevocable Trust.
- (24) Reporting Person serves as Trustee of a Trust for the benefit of the Clara L.T. Rankin. Reporting Person disclaims beneficial ownership of all such shares.  
Represents the proportionate limited partnership interest in shares held by Rankin Associates II, L.P., which is held in a trust for the benefit of Clara L. T. Rankin. Reporting Person serves as the Trustee of the Trust. Reporting Person disclaims beneficial ownership of all such shares.
- (25)
- (26) Represents the Reporting Person's spouse's proportionate limited partnership interest in shares held by Rankin Associates II, L.P. Reporting Person disclaims beneficial ownership of all such shares.

### Remarks:

"Remark on Insider Relationship" - As a member of a "group" deemed to own more than 10% of an equity security as a result

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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