

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. )\*

International Steel Group, Inc.

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(Name of Issuer)

Common Stock, \$0.01 par value per share

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(Title of Class of Securities)

460377104

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(Cusip Number)

December 17, 2003

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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1 (b)

Rule 13d-1 (c)

Rule 13d-1 (d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the notes).

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1. Name of Reporting Person: Cleveland-Cliffs Inc  
I.R.S. Identification Nos. of above persons (entities only): 34-1464672

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2. Check the Appropriate Box if a Member of a Group:

(a)

(b)

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3. SEC Use Only:

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4. Citizenship or Place of Organization:  
Ohio

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5. Sole Voting Power:  
5,049,900\*

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Number of  
Shares  
Beneficially  
Owned by  
Each Reporting  
Person With

6. Shared Voting Power:  
806,671\*

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7. Sole Dispositive Power:  
5,049,900\*

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8. Shared Dispositive Power:  
806,671\*

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9. Aggregate Amount Beneficially Owned by Each Reporting Person:  
5,856,571\*

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10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares:

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11. Percent of Class Represented by Amount in Row (9):  
6.0%

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12. Type of Reporting Person:  
CO

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\* See Item 4 of this filing.

- Item 1(a).**                    **Name of Issuer:** International Steel Group, Inc.
- Item 1(b).**                    **Address of Issuer's Principal Executive Offices:**  
3250 Interstate Drive, Richfield, Ohio 44286
- Item 2(a).**                    **Name of Person Filing:** Cleveland-Cliffs Inc
- Item 2(b).**                    **Address of Principal Business Office, or, if None, Residence:**  
1100 Superior Avenue, Cleveland, Ohio 44114
- Item 2(c).**                    **Citizenship:** Ohio Corporation
- Item 2(d).**                    **Title of Class of Securities:** Common Stock, par value \$0.01 per share
- Item 2(e).**                    **CUSIP Number:** 460377104

**Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:**

- (a)  Broker or dealer registered under Section 15 of the Exchange Act;
- (b)  Bank as defined in Section 3(a)(6) of the Exchange Act;
- (c)  Insurance company as defined in Section 3(a)(19) of the Exchange Act;
- (d)  Investment company registered under Section 8 of the Investment Company Act;
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act;
- (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
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**Item 4. Ownership.**

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 5,856,571\*
- (b) Percent of class: 6.0%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or direct the vote 5,049,900\*
  - (ii) Shared power to vote or direct the vote 806,671\*
  - (iii) Sole power to dispose or to direct the disposition of 5,049,900\*
  - (iv) Shared power to dispose or to direct the disposition of 806,671\*

\* Cleveland-Cliffs Inc (“Cleveland-Cliffs”) is an affiliate of Cleveland-Cliffs Inc and Associated Companies Collective Investment Trust (“Trust”). The Trust is the holder of record of 806,671 shares of International Steel Group, Inc.’s common stock. By reason of such relationship, Cleveland-Cliffs may be deemed to share dispositive power or investment control over the shares owned by the Trust. However, Cleveland-Cliffs does not have the right to receive dividends from, or the proceeds from the sale of, the shares held by the Trust and disclaims beneficial ownership of such shares.

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [ ].

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not applicable

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**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.**

Not applicable

**Item 8. Identification and Classification of Members of the Group.**

Not applicable

**Item 9. Notice of Dissolution of Group.**

Not applicable

**Item 10. Certifications.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

**CLEVELAND-CLIFFS INC**

By: /s/ Donald J. Gallagher

Name: Donald J. Gallagher  
Title: Senior Vice President, Chief  
Financial Officer and Treasurer

Dated: July 6, 2004