

MITTAL STEEL CO N.V.

Form 6-K

February 10, 2005

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16

under the Securities Exchange Act of 1934

Dated February 10, 2005

Commission File Number: 001-14666

MITTAL STEEL COMPANY N.V.

(Translation of registrant's name into English)

15th Floor, Hofplein 20
3032 AC Rotterdam
The Netherlands

(Address of registrant's principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If Yes, is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-__.

INDEX

Exhibit 1.1 Press Release, dated February 10, 2005, in which Mittal Steel Company N.V. releases its financial results for the fourth quarter of 2004 and full year 2004.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

MITTAL STEEL COMPANY N.V.

Date: February 10, 2005

By: /s/ Henk Scheffer

Name: Henk Scheffer

Title: Company Secretary

EXHIBIT INDEX

- 1.1 Press Release, dated February 10, 2005, in which Mittal Steel Company N.V. releases its financial results for the fourth quarter of 2004 and full year 2004.