MITTAL STEEL CO N.V. Form 6-K May 17, 2007 UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Dated May 17, 2007

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 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 x Form 40-F o

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

Yes O No X

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

On May 17, 2007, Mittal Steel Company N.V. issued the operating review attached hereto as Exhibit 99.1, which is hereby incorporated by reference.

Exhibit List

Exhibit No.DescriptionExhibit 99.1Operating and Financial Review and Prospects of Arcelor.

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.

Date: May 17, 2007

By: <u>/s/ Henk Scheffer</u> Name: Henk Scheffer Title: Company Secretary

Exhibit Index

Exhibit No.DescriptionExhibit 99.1Operating and Financial Review and Prospects of Arcelor.