

POSCO  
Form 6-K  
February 23, 2011

**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**  
**For the month of February, 2011**  
**Commission File Number: 1-13368**  
**POSCO**

(Translation of registrant's name into English)  
POSCO Center, 892 Daechi 4-dong, Kangnam-gu, Seoul, Korea, 135-777  
(Address of principal executive office)

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

Form 20-F

Form 40-F

[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

No

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

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POSCO is furnishing under cover of Form 6-K :

**Exhibition 99.1 :** An English-language translation of documents with respect to **2010 POSCO Non-Consolidated Financial Statements**

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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.

POSCO  
(Registrant)

Date : February 22, 2011

By /s/ Choi, Jong-Tae  
(Signature)\*  
Name: Choi, Jong-Tae  
Title: President

\* Print the name and title under the signature of the signing officer.