

POSCO  
Form 6-K  
May 28, 2010

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**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 May, 2010  
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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SIGNATURES

EX-99.1

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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 the **1Q 2010 Quarterly Report**

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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 May 27, 2010

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

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