

POSCO  
Form 6-K  
April 12, 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 April, 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 **2009 Business 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 April 9, 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.