

Vale S.A.  
Form 6-K/A  
June 15, 2010

**United States  
Securities and Exchange Commission  
Washington, D.C. 20549  
FORM 6-K/A  
Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
of the  
Securities Exchange Act of 1934  
For the month of**

For the quarterly period ended March 31, 2010

**June 2010  
Vale S.A.**

Avenida Graça Aranha, No. 26  
20030-900 Rio de Janeiro, RJ, Brazil  
(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.)

(Check One) 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))

(Check One) Yes  No

(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))

(Check One) Yes  No

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

(Check One) 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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Our Interactive Data File filed with our annual report on 6-K for the quarter ended March 31, 2010 included an incorrect figure in the line item Entity Public Float and Entity Common Stock, Shares Outstanding . The sole purpose of this amendment is to provide the correct figure for those lines items.

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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.

Vale S.A.  
(Registrant)

Date: June 14, 2010

By: /s/ Roberto Castello Branco  
Roberto Castello Branco  
Director of Investor Relations

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**EXHIBIT INDEX**

| Exhibit No: | Exhibit Description  |
|-------------|--|
| 101         | Our Interactive Data File filed with our annual report on <u>6-K for the quarter ended March 31, 2010</u> included an incorrect figure in the line item Entity Public Float and Entity Common Stock, Shares Outstanding . The sole purpose of this amendment is to provide the correct figure for those lines items. |