

Vale S.A.  
Form 8-A12B  
September 16, 2010

**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM 8-A**  
**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES**  
**PURSUANT TO SECTION 12(b) OR (g) OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

**VALE S.A.**  
**(Exact Name of Registrant as Specified in Its**  
**Charter)**

**VALE OVERSEAS LIMITED**  
**(Exact Name of Registrant as Specified in Its**  
**Charter)**

**FEDERATIVE REPUBLIC OF BRAZIL**  
**(Jurisdiction of Incorporation**  
**or Organization)**

**CAYMAN ISLANDS**  
**(Jurisdiction of Incorporation**  
**or Organization)**

Avenida Graça Aranha, No. 26  
20030-900 Rio de Janeiro, RJ, Brazil  
**(Address of Principal Executive Offices)**

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box.

Securities Act registration statement file numbers to which this form relates: 333-162822 and 333-162822-01  
**(If applicable)**

Securities to be registered pursuant to Section 12(b) of the Act:

| <b>Title of Each Class to be so Registered</b>                    | <b>Name of Each Exchange on Which Each Class is to be Registered</b> |
|---|--|
| 6.875% Guaranteed Notes due 2039                                  | New York Stock Exchange  |
| 4.625% Guaranteed Notes due 2020                                  | New York Stock Exchange  |
| Securities to be registered pursuant to Section 12(g) of the Act: |  |
|   | None   |
| <b>(Title of class)</b>   |  |

**Item 1. Description of Registrants Securities to Be Registered.**

For a description of the securities to be registered hereunder, reference is made to the information under the heading Description of the Debt Securities on pages 6 through 18 of the Prospectus dated November 3, 2009 included in the Registration Statement on Form F-3 of Vale Overseas Limited (the Company ) and Vale S.A. (the Guarantor ) (Registration Nos. 333-162822 and 333-162822-01), as supplemented by the information under the headings Risk Factors Risks Relating to the Notes and Description of the Notes on pages S-8 through S-9 and S-11 through S-18, respectively, of the related Prospectus Supplement, dated September 8, 2010.

**Item 2. Exhibits.**

99(A). Prospectus dated November 3, 2009, incorporated by reference to the Registration Statement on Form F-3 filed with the SEC by the Company and the Guarantor on November 3, 2009 (Registration Nos. 333-162822 and 333-162822-01).

99(B). Prospectus Supplement dated September 8, incorporated by reference to the SEC filing pursuant to Securities Act Rule 424(b)(2) by the Company and the Guarantor on September 9, 2010.

99(C). Amended and Restated Indenture dated November 21, 2006, among the Company, the Guarantor and The Bank of New York Mellon (as successor to The Bank of New York), incorporated by reference to Exhibit 4.2 of the Registration Statement on Form F-3 filed with the SEC by the Company and the Guarantor on November 3, 2009 (Registration Nos. 333-162822 and 333-162822-01).

99(D). Tenth Supplemental Indenture dated November 10, 2009, among the Company, the Guarantor and The Bank of New York Mellon, including the form of global note, incorporated by reference the report on Form 6-K furnished by the Guarantor to the SEC on November 12, 2009.

99(E). Amendment to the Tenth Supplemental Indenture dated September 15, 2010, among the Company, the Guarantor and The Bank of New York Mellon, incorporated by reference to the report on Form 6-K furnished by the Guarantor to the SEC on September 16, 2010.

99(F). Eleventh Supplemental Indenture dated September 15, 2010, among the Company, the Guarantor and The Bank of New York Mellon, including the form of global note, incorporated by reference to the report on Form 6-K furnished by the Guarantor to the SEC on September 16, 2010.

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, each of the Registrants has duly caused this registration statement or amendment thereto to be signed on its behalf by the undersigned, thereunto duly authorized.

VALE S.A.  
(Registrant)

By: /s/ Marcelo Campos Habibe  
Name: Marcelo Campos Habibe  
Title: Attorney-in-Fact

By: /s/ Sonia Zagury  
Name: Sonia Zagury  
Title: Attorney-in-Fact

VALE OVERSEAS LIMITED  
(Registrant)

By: /s/ Marcelo Campos Habibe  
Name: Marcelo Campos Habibe  
Title: Director

By: /s/ Wanda Krajnc Alves  
Name: Wanda Krajnc Alves  
Title: Director

Date: September 15, 2010

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**INDEX TO EXHIBITS**

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