Ternium S.A. Form 6-K November 24, 2010

FORM 6 - K

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a - 16 or 15d - 16 of
the Securities Exchange Act of 1934

As of 11/24/2010

Ternium S.A.

(Translation of Registrant's name into English)

Ternium S.A.
46a, Avenue John F. Kennedy 2nd floor

As of 11/24/2010 1

L-1855 Luxembourg

(352) 4661-11-3815

(Address of principal executive offices)

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

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

Not applicable

Not applicable 2

The attached material is being furnished to the Securities and Exchange Commission pursuant to Rule 13a-16 and Form 6-K under the Securities Exchange Act of 1934, as amended.

This report contains Ternium S.A. s press release updating market on status of Sidor final compensation installment.

SIGNATURE

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.

TERNIUM S.A.

By: /s/ Pablo Brizzio By: /s/ Daniel Novegil

Name: Pablo Brizzio Name: Daniel Novegil

Title: Chief Financial Officer Title: Chief Executive Officer

Dated: November 24, 2010

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Sebastián Martí

Ternium - Investor Relations

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Ternium updates market on status of Sidor final compensation installment

Luxembourg, November 24, 2010 [] Ternium S.A. (NYSE: TX) announces that, following the expiration of the 15-day period available to Corporación Venezolana de Guayana, or CVG, to cure any payment default under the agreements governing the transfer of Sidor to Venezuela, Ternium has not yet received the final installment of its compensation for that transfer. As of the date hereof, the aggregate compensation amount owed by CVG to Ternium equals US\$255.6 million, plus interest.

Ternium reserves all of its rights under contracts, investment treaties and Venezuelan and international law in connection with the Sidor compensation payment still owing to it.

Forward Looking Statements

Some of the statements contained in this press release are []forward-looking statements[]. Forward-looking statements are based on management[]s current views and assumptions and involve known and unknown risks that could cause actual results, performance or events to differ materially from those expressed or implied by those statements. These risks include but are not limited to risks arising from uncertainties as to gross domestic product, related market demand, global production capacity, tariffs, cyclicality in the industries that purchase steel products and other factors beyond Ternium[]s control.

About Ternium

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Ternium is a leading steel company in Latin America, manufacturing and processing a wide range of flat and long steel products for customers active in the construction, home appliances, capital goods, container, food, energy and automotive industries. With its principal operations in Mexico and Argentina, Ternium serves markets in the Americas through its integrated manufacturing system and extensive distribution network. The Company has an annual production capacity of approximately ten million tons of finished steel products. More information about Ternium is available at www.ternium.com.

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