Ternium S.A. Form 6-K April 16, 2019

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 4/16/2019

Ternium S.A. (Translation of Registrant's name into English)

Ternium S.A. 29, avenue de la Porte-Neuve – 3rd floor L-2227 Luxembourg (352) 2668-3152 (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.

Form 20-F ü 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 ü

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): Not applicable

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 announcing it has filed 2018 Form 20-F.

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 Name: Pablo Brizzio Title: Chief Financial Officer

Dated: April 16, 2019

Sebastián Martí Ternium - Investor Relations +1 (866) 890 0443 +54 (11) 4018 8389 www.ternium.com

Ternium Files 2018 Form 20-F

Luxembourg, April 16, 2019 - Ternium S.A. (NYSE: TX), announces that it has filed its annual report on Form 20-F for the year ended December 31, 2018 with the U.S. Securities and Exchange Commission (SEC). The annual report can be downloaded from the SEC website at www.sec.gov and from Ternium's website at http://www.ternium.com/en/investor-center/. Holders of Ternium's shares and ADSs, and any other interested parties, may request a hard copy of the annual report, free of charge, through our website at http://www.ternium.com/contact/.

About Ternium

Ternium is Latin America's leading flat steel producer, with operating facilities in Mexico, Brazil, Argentina, Colombia, the southern United States and Central America. The company offers a broad range of high value-added steel products for customers active in the automotive, home appliances, HVAC, construction, capital goods, container, food and energy industries through its manufacturing facilities, service center and distribution networks, and advanced customer integration systems. More information about Ternium is available at www.ternium.com.