Ternium S.A. Form 6-K April 26, 2018

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 4/25/2018

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 a 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 a

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 consolidated financial statements as of March 31, 2018.

#### 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 BrizzioBy: /s/ Máximo VedoyaName: Pablo BrizzioName: Máximo VedoyaTitle: Chief Financial OfficerTitle: Chief Executive Officer

Dated: April 25, 2018

TERNIUM S.A. Consolidated Condensed Interim Financial Statements as of March 31, 2018 and for the three-month periods ended on March 31, 2018 and 2017

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TERNIUM S.A. Consolidated Condensed Interim Financial Statements as of March 31, 2018 and for the three-month periods ended March 31, 2018 and 2017

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TERNIUM S.A. Consolidated Condensed Interim Financial Statements as of March 31, 2018 and for the three-month periods ended March 31, 2018 and 2017 (All amounts in USD thousands)

#### Consolidated Condensed Interim Income Statements

Consolidated Condensed Internal Income Statements		Three-month March 31,	period ended	đ
	Notes	2018 (Unaudited)	2017	
Net sales	3	2,961,313	2,075,108	3
Cost of sales	3 & 4	(2,203,492	) (1,531,46	) (2
Gross profit	3	757,821	543,646	
Selling, general and administrative expenses	3 & 5	(240,517	) (172,275	)
Other operating income (expenses), net	3	5,767	(7,220	)
Operating income	3	523,071	364,151	
Finance expense	6	(33,782	) (21,382	)
Finance income	6	5,136	4,595	
Other financial income (expenses), net	6	(51,095	) (23,151	)
Equity in earnings (losses) of non-consolidated companies		19,983	21,410	
Profit before income tax expense		463,313	345,623	
Income tax expense		(41,218	) (35,234	)
Profit for the period		422,095	310,389	
Attributable to:				
Owners of the parent		366,724	261,335	
Non-controlling interest		55,371	49,054	
Profit for the period		422,095	310,389	
Weighted average number of shares outstanding		1,963,076,776	5 1,963,076	6,776
Basic and diluted earnings (losses) per share for profit (loss) attributable to the equity holders of the company (expressed in USD per share)	e	0.19	0.13	

The accompanying notes are an integral part of these consolidated condensed interim financial statements. These consolidated condensed interim financial statements should be read in conjunction with our audited Consolidated Financial Statements and notes for the year ended December 31, 2017.

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TERNIUM S.A. Consolidated Condensed Interim Financial Statements as of March 31, 2018 and for the three-month periods ended March 31, 2018 and 2017 (All amounts in USD thousands)

Consolidated Condensed Interim Statements of Comprehensive Income

Consolidated Condensed Internit Statements of Comprehensive Income	
Profit for the period	Three-month period ended March 31, 2018 2017 (Unaudited) 422,095 310,389
Items that may be reclassified subsequently to profit or loss:	
Currency translation adjustment	(56,320) 23,047
Currency translation adjustment from participation in non-consolidated companies	(2,746) 11,863
Changes in the fair value of financial instruments at fair value through other comprehensive income	(230) —
Income tax related to financial instruments at fair value	54 —
Changes in the fair value of derivatives classified as cash flow hedges	103 (367 )
Income tax related to cash flow hedges	(143)(11)
Other comprehensive income items	(305) 75
Other comprehensive income items from participation in non-consolidated companies Items that will not be reclassified subsequently to profit or loss:	404 115
Remeasurement of post employment benefit obligations	— (499 )
Remeasurement of post employment benefit obligations from participation in non-consolidated companies	(701) 6,379
Other comprehensive income (loss) for the period, net of tax	(59,884) 40,602
Total comprehensive income for the period	362,211 350,991
Attributable to:	
Owners of the parent	328,953 291,742
Non-controlling interest	33,258 59,249
Total comprehensive income for the period	362,211 350,991
The accompanying notes are an integral part of these consolidated condensed interim financial st	atements. These

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TERNIUM S.A. Consolidated Condensed Interim Financial Statements as of March 31, 2018 and for the three-month periods ended March 31, 2018 and 2017 (All amounts in USD thousands)

Consolidated Condensed Interim Statements of Financial Position

Consolidated Condensed Internit Statements of Financial Pos	nuon				
	Notes	Balances as of March 31, 2018 (Unaudited)		December 31, 2017	
ASSETS		×	,		
Non-current assets					
Property, plant and equipment, net	7	5,298,172		5,349,753	
Intangible assets, net	8	1,058,205		1,092,579	)
Investments in non-consolidated companies	9	495,287		478,348	
Other investments		39,551		3,380	
Deferred tax assets		134,453		121,092	
Receivables, net		693,627		677,299	
Trade receivables, net		6,273	7,725,568	4,832	7,727,283
Current assets					
Receivables, net		354,499		362,173	
Derivative financial instruments		2,683		2,304	
Inventories, net		2,688,615		2,550,930	)
Trade receivables, net		1,304,904		1,006,598	6
Other investments		103,902		132,736	
Cash and cash equivalents		232,642	4,687,245	337,779	4,392,520
Non-current assets classified as held for sale			2,778		2,763
Total Assets			12,415,591		12,122,566
EQUITY					
Capital and reserves attributable to the owners of the parent			5,339,680		5,010,424
Non-controlling interest			875,809		842,347
Total Equity			6,215,489		5,852,771

## LIABILITIES

Non-current liabilities

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Provisions	763,670	768,517
Deferred tax liabilities	422,895	513,357
Other liabilities	394,469	373,046
Trade payables	1,122	2,259
Finance lease liabilities	68,225	