

TATA STEEL



SUSTAINABILITY PERFORMANCE
TATA STEEL IN THE UK

Fiscal years 16/17 & 17/18

TODAY TOWARDS TOMORROW

This data sheet is an appendix to the 2018 sustainability report of Tata Steel in Europe and aims to represent a balanced appraisal of the sustainability performance of Tata Steel in the UK.

As Tata Steel UK is an integrated part of Tata Steel Europe, some of the performance indicators reflect the overall European performance. Data on our CO₂ performance and use of resources, emissions and waste relates to the performance of our UK production sites. In line with steel industry practices, this data reflects calendar year rather than fiscal year performance.

The scope of data for the various tables is consistently indicated throughout the data sheet.



KEY FIGURES

Steel recycled:

626
1,000 tonnes

Competition law:

2,851
people trained

Number of
new products
launched:

23



		UK FY 2016 / 2017	UK FY 2017 / 2018
Health and safety (1)			
Fatalities	#	0	0
Lost-time injury rate – total	per million hours worked	1.49	1.46
Lost-time injury rate - employee	per million hours worked	1.29	1.47
Lost-time injury rate – contractor	per million hours worked	2.19	1.42
Recordables (total)	#	120	83
Recordables (employees)	#	89	59
Recordables (contractors)	#	31	24
Sickness Absence Rate	%	3.46	4.62
Governance, compliance and integrity (2)			
Anti-bribery and corruption	# of people trained	2,807	2,972
Competition law	# of people trained	2,629	2,851
Dawn raid	# of people trained	1,278	1,336
Export controls	# of people trained	1,204	1,279
Customers and markets (2)			
Customer Satisfaction Index	%	76.5	76.5
Number of new products launched	#	20	23
R&D spend	£, millions	55.4	63

¹ Tata Steel UK

² Tata Steel Europe

² Tata Steel Europe

CO₂ saved from external steel recycled:

513
1,000 tonnes



Crude steel production:

3,5
million tonnes



		UK FY 2016 / 2017	UK FY 2017 / 2018
Climate change (3)			
Crude steel production	million tonnes	3.7	3.5
Steel recycled – Total	1,000 tonnes	488	626
External steel recycled	1,000 tonnes	239	306
Internal steel recycled	1,000 tonnes	249	320
CO ₂ saved from external steel recycled (4)	1,000 tonnes	383	513
Energy intensity per tonne crude steel	GJ/tcs	23.2	22.3
CO ₂ eq emission - Direct emissions (scope 1: formal and audited emissions according ETS) (5)	million tonnes	6.73	6.60
CO ₂ eq emissions - Total (scope 1+2+3: based on methodology of worldsteel, excluding slag credits) (6)	million tonnes	7.42	7.20
Carbon intensity in tonnes of CO ₂ per tonne of crude steel	tonnes / tonne	2.14	2.05

³. Primary Steelmaking, Port Talbot production site

⁴. The CO₂ saved from the recycling of external steel scrap (i.e. steel products recovered at their end-of-life) is based on a calculation of the avoided emissions related to the making of an equivalent amount of iron from virgin ore via the blast furnace route.

⁵. Direct emissions scope 1: formal and audited emissions according ETS.

⁶. Total (scope 1+2+3): based on methodology of worldsteel, excluding credits for slag delivery to cement industry.

KEY FIGURES

Number of hours training per employee:

26

Carbon intensity in tonnes of CO₂ per tonne of crude steel:

2.05



		UK FY 2016 / 2017	UK FY 2017 / 2018
Resources, emissions and waste (3)			
Dust (PM)	tonnes	1,65	2,046
	kg/tcs	0.44	0.58
NOx (oxides of nitrogen)	tonnes	4,646	4,967
	kg/tcs	1.25	1.42
SO ₂ (sulphur dioxide)	tonnes	6,145	7,194
	kg/tcs	1.65	2.06
Mass emissions to water, hydrocarbons	tonnes	52	39
Mass emissions to water, suspended solids	tonnes	782	759
Mass emissions to water, COD	tonnes	n/a	n/a
Material re-used through our process (excluding scrap steel)	1,000 tonnes	369	380
Volume of by-products sold (excluding blast furnace slag)	1,000 tonnes	827	850
Slag to cement industry (i.e. blast furnace slag sales)	1,000 tonnes	681	700
Waste generated	1,000 tonnes	136	179
Waste - material reused, recycled by third parties	1,000 tonnes	125	161
Waste - material disposed to landfill	1,000 tonnes	11	18
Fresh water consumption	m ³ /tonne (cs)	5.67	4.57
	million m ³	21.07	16.0
Environmental complaints	#	261	292

³ Primary Steelmaking, Port Talbot production site



Number of
new hires:
871

		UK FY 2016 / 2017	UK FY 2017 / 2018
People (1)			
Number of employees	#	10,005	8,469
Number of new hires	#	487	871
Number of new hires by gender	#M/#F	426/61	776/95
Number of retirements	#	505	195
Average age		44	44
Employees over the age of 50	#	3,856	2,836
Total turnover rate	%	13.1	8.5
Percentage of female employees	%	10	10.7
Percentage managers that are female	%	15.9	18.1
Man-days lost to labour disputes	#	0	0
Number of hours training per employee	#	24	26
Organisational Health Index (OHI) (7)		n/a	n/a
% of staff development appraisal	%	40	56.2

¹. Tata Steel UK

⁷. The Organisational Health Index (OHI) measures nine elements of organisational effectiveness through an employer survey. The survey is undertaken every 2-3 years. In 2014/15 Tata Steel scored 51."

Community			
Amount of money invested through community partnership programme:			
Partnerships: Health and Education (2)	£	99,015	105,000
Tata Kids of Steel (2)	£	8,200	18,000
Donations: health, education and environment (2)	£	76,000	75,000
Number of applications for financial or in-kind support received (1)	#	81	121
Number of applications for financial or in-kind support approved (1)	#	75	52
Number of youngsters attending Tata Kids of Steel events (1)	#	5,387	3,000
Number of Tata Kids of Steel events (1)	#	6	2

¹. Tata Steel UK

². Tata Steel Europe

www.tatasteeleurope.com

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