

Environmental performance at a glance

Sl.	Key Performance Indicator	Description	UoM	FY14	FY15	FY16	FY17	FY18	FY19	DJSI Ref.
1	GHG Emissions	- Direct (Scope-1)	Million tCO ₂ e	23.7	24.1	23.7	28.3	29.1	29.8	2.3.1.
		- Indirect (Scope-2)	Million tCO ₂ e	1.0	0.9	1.2	1.5	1.5	1.5	2.3.2.
2	Energy Consumption	India (stand-alone)	PJ	261	254	265	324	333	347	2.3.3.
3	Water Consumption	India (stand-alone)	Mm ³	78.1	75.5	64.5	72.7	72.4	65.6	2.3.4.
4	Dust emission (stack)	India (stand-alone)	kT	8.8	6.1	5.7	7.1	6.5	6.2	2.3.8.
5	SOx Emission (stack)	India (stand-alone)	kT	13.7	17.8	10.3	14.1	16.8	11.7	2.3.7.
6	NOx Emission (stack)	India (stand-alone)	kT	13.7	11.5	8.6	14.0	15.3	11.4	2.3.6.

Note: Information reported above for India (stand-alone) covers 100% Indian operations (excl.subsidiaries, joint ventures)

Partly assured - assurance in progress for FY19

Fully assured by 3rd party (FY 18) revised- assurance in progress for FY19

CO₂ Emission of Integrated Steel plants are in accordance with World Steel Association guidance for CO₂ reporting

Rest Site Emission = CO₂ emission as per GHG prtocol

Indian operation covers ~40% of the revenue alone.

Mm³ = Million m³, KT = 10³ tonne

PJ = Peta Joules = 10¹⁵ Joules