

BSE SENSEX 61,561 S&P CNX 18,182

CMP: INR107 TP:INR110 (+3%) Neutral

TATA STEEL

Stock Info

	TATA IN
Bloomberg	12212
Equity Shares (m)	12212
M.Cap.(INRb)/(USD\$b)	1295.5 / 15.7
52-Week Range (INR)	124 / 83
1, 6, 12 Rel. Per (%)	-4/1/-23
12M Avg Val (INR M)	6518
Free float (%)	66.1

Financials Snapshot (INR b)

Y/E MARCH	2023E	2024E	2025E
Sales	2,434	2,353	2,460
EBITDA	323	361	411
Adj. PAT	86	136	150
EBITDA Margin (%)	13.3	15.3	16.7
Cons. Adj. EPS (INR)	7.1	11.1	12.3
EPS Gr. (%)	-78.5	57.1	10.7
BV/Sh. (INR)	80	86	93

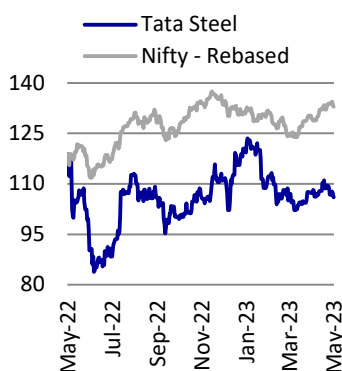
Ratios

Net D:E	0.7	0.7	0.6
RoE (%)	8.3	13.4	13.7
RoCE (%)	12.1	13.4	15.3
Payout (%)	50.8	44.9	40.6

Valuations

P/E (x)	15.0	9.5	8.6
P/BV (x)	1.3	1.2	1.1
EV/EBITDA(x)	6.1	5.5	4.7
Div. Yield (%)	3.4	4.7	4.7
FCF Yield (%)	5.8	8.9	13.2

Stock Performance (1-year)



Capacity expansion to drive growth

TATA is doubling its domestic capacity to 40mt from 21mt by FY30

- TATA is all set to capitalize the vast growth in domestic steel demand amid rapid expansion in the infrastructure, construction, and automobile sector. We believe TATA is adding capacity at the right time to capture the robust growth journey.
- TATA is one of the largest and cost-efficient steel manufacturers with strong raw material security, which ensures adequate and timely supply of raw materials. With multiple iron mines in India and Canada, TATA's entire iron ore requirement is met by its captive mines.
- TATA is also enhancing its iron ore mining capacity from 36mt to 60-65mt, which will ensure adequate iron ore requirement for expanded capacity.
- TATA offers a wide gamut of flat and long steel products with emphasis on Value-added products (VAP) catering to sectors such as automobile, retail, packaging, construction, energy, consumer durables, and engineering.
- Globally, steel prices have been under pressure, on the back of lower demand from the USA and Europe and lower-than-expected pickup from China.
- TATA, being a global steel manufacturer, could face headwinds in the near term; however, the company's strong focus on Indian operations along with higher capex allocation to India, should auger well for the company.
- Global steel demand is subdued as customers are currently under the 'wait and watch' mode. However, the demand for steel is expected to improve before the onset of the monsoon season with the customers piling up their inventory and the government increasing infrastructure spending before the elections next year.
- While TATA is well placed, the stock trades at 5.5x FY24E EV/EBITDA and we believe it is fully priced in at current levels. We reiterate our Neutral rating on the stock with a SoTP based TP of INR110.
- Key downside risks – 1) TATA relies heavily (85-90%) on domestic merchants or imports for its coal requirements and any sharp increase in its prices could adversely impact its margins. 2) The UK operations continue to be a drag, with no support from the local government and assets nearing the end of useful lives. If no immediate support is received, TATA would have to shut down its upstream operations in the UK.

On track to double its domestic capacity by FY30

- TATA has undertaken a multi-year capex program, which will enhance its Indian operations to 40mt from 21mt by FY30.
- All the incremental capex are focused toward Indian operations and the share from long products is expected to increase to 32% from its current 24% by FY30.

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Investors are advised to refer through important disclosures made at the last page of the Research Report.

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- The company is increasing its downstream capacity across tubes (1mt to 4mt), wires (0.45mt to 1mt), tinplate (0.38mt to 1mt), and DI (0.2mt to 1mt). TATA's focus on product enrichment will help the company to augment its VAP portfolio, and thus, drive margins.
- By FY26-27, domestic capacity is expected to reach 26-28mt with incremental capacity coming from Kalinganagar, long steel VAP, and EAF facility in Punjab.
- The 5mt Kalinganagar facility is expected to commence operations by the end of FY24, but the benefit from incremental volumes will accrue from FY26 onwards.
- The EAF facility in Punjab is expected to have a similar technology as that of NUCOR.
- NICL has been steadily ramping up and has reached a run rate of 1mt (crude steel+pig iron).
- The 6mt pellet plant at Kalinganagar has commenced production and is expected to help lower TATA's merchant dependency of pellets and aid in cost savings.
- 2.2mt CRM complex will take another two years to be fully ramped up and should add incremental value to the product mix.

Presence across the steel value chain

- TATA has a strong presence across sectors such as automobile, retail, packaging, construction, energy, consumer durables, engineering, etc.
- Over the last few years, TATA has shifted its focus toward high VAP across automobile, retail, and construction sector.
- Contribution from braded and the automobile sector has increased to 45.4% in FY23 from 38.9% in FY21.
- TATA has a strong presence across the value chain with multiple product offerings. TATA offers a gamut of products across flat and long steel such as HRC, CRC, tyre beads, wires, springs, precision tubes, pipes, steel doors and windows, rebars, rooftops, prefabricated houses, cut and bend bars, GP, bearings, AlZn galvanized, metallic coated, etc.
- The approval process across industries such as energy, automobile, and packaging is quite a stringent and time-consuming process and continues to be an entry barrier for new players in the market. Therefore, companies like TATA have an edge over others as they enjoy long-standing relationship with the customers.

Strong iron ore linkages in place to ensure seamless steel production

- TATA, a leading integrated steel manufacturer with strong iron ore linkages, ensures adequate supply of raw materials. TATA has four captive iron ore mines in India and multiple mines in Canada.
- The entire (100%) iron ore requirements of the company are met via captive mines.
- TATA is also planning to expand its existing mining capacity to 60-65mt from 36mt to support the incremental demand for iron ore as the steel capacity in India doubles over the next decade.
- This will ensure adequate raw material security in the long run.

Robust domestic demand augurs well for TATA

- India was one of the handful countries whose crude steel production saw an improvement of 5.5% YoY to ~125mt in CY22.
- Crude steel production in India for the first four months, i.e., Jan-Apr is up 4.3% to 43.4mt and consumption is up 10.9% to 41.5mt.
- India's PMI, which tracks the MoM change in the economic activity within the manufacturing sector grew by 110bps MoM to 56.4. This marks 21st consecutive month of growth. An index of over 50 indicates expansion in the economic activity.
- Increase in PMI coupled with easing input cost inflation indicates that the expansionary trend across the manufacturing sector is expected to continue in the coming months.
- The steel demand in India has been subdued since mid-Mar'23, due to the financial year-end liquidity crunch, multiple public holidays, and slowdown in the project segment. However, customers are now sitting on low inventory levels, which will translate to higher steel demand and VAP as customers begin to stock up the inventory before the onset of the monsoon season.
- We also expect steel volumes to pick up in FY24 amid increased government spending before the elections next year.
- The government's strong push on infrastructure, housing, and construction, along with improved demand for auto and renewables (RE) is expected to drive the domestic demand for steel.
- India is all set to increase its crude steel capacity to 300mt by FY31, providing significant headroom for growth in steel consumption in India.
- TATA is adding capex across the steel value chain at right time which will enable the company to capture the growing domestic steel demand.

UK business continues to be a drag

- TATA global operations are divided between Canada, Europe, India, and South East Asia.
- Within Europe, TATA has presence in the UK and Netherlands with a total installed capacity of 12mt.
- Netherlands operations has been stable and TATA expects it to be EBITDA positive with a positive CF. The capex (if any) in Netherlands will be supported with internal CF generations.
- However, UK operations has been a drag for the last few quarters and the operations are under severe stress
- TATA has sought relief from the UK government , but no satisfactory response has been received. If no viable solution is reached, TATA would need to shut down its UK operations in the next 12-24 months.
- The upstream assets are approaching the end of their useful lives in the next 12-24 months. In the event of a shutdown, TATA would only continue operating the downstream facility.

Valuation and view

- Domestic steel prices which move in tandem with international steel prices have corrected over the last few weeks; however, the demand for steel is expected to improve before the onset of monsoon season.
- We also expect steel volumes to pick up in FY24 amid increased government spending before the elections next year.
- While TATA is well placed, the stock trades at 5.5x FY24E EV/EBITDA and we believe it is fully priced in at current levels. We reiterate our Neutral rating on the stock with an SoTP-based TP of INR110.
- Key downside risks – 1) TATA relies heavily (85-90%) on domestic merchants or imports for its coal requirements and any sharp increase in its prices could adversely impact its margins. 2) The UK operations continue to be a drag, with no support from the local government and assets nearing the end of useful lives. If no immediate support is received, TATA would have to shut down its upstream operations in the UK.

Exhibit 1: TATA to catapult domestic steel capacity by FY30 (capacity in mt)

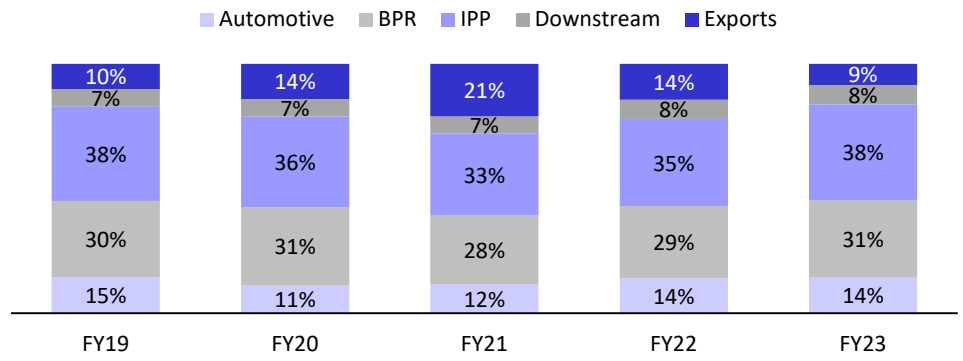
Plant Location	Current capacity	Planned expansion	Unplanned expansion	Post expansion capacity
Jamshedpur, Jharkhand	11	0.5		11.5
Meramandali, Odisha	5.6			5.6
Kalinganagar, Odisha	3	5		8
Gamharia, Bihar	1			1
Punjab	0	0.75		0.75
Port Talbot, Wales (UK)	5			5
Ijmuiden, Netherlands	7			7
South East Asia (Thailand)	1.7			1.7
TBA			13.15	13.15
Total	34.3	6.25	13.15	53.7

TBA =To be announced in coming quarters (includes capex at Tinplate and Tata Metaliks)

Source: MOFSL, Company

- TATA is undertaking mammoth capex in India, which will augment the domestic capacity to 40mt from ~21mt by FY30.
- TATA has already announced its capex plans for 6.25mt across Kalinganagar, Jamshedpur, and Punjab.
- TATA is also undertaking capex across Tinplate (75% subsidiary) and Tata Metaliks (60% subsidiary), which will augment the tinplate capacity to 1mt from 0.38mt and DI pipe capacity to 1mt from 0.2mt.
- Post expansion, the share of long steel products in the total product mix will increase to 32% from 24% and TATA is well placed to double its market share in the long steel business with strategic acquisition of NINL, upcoming EAF facility at Punjab, and the Special bar mill at Jamshedpur.

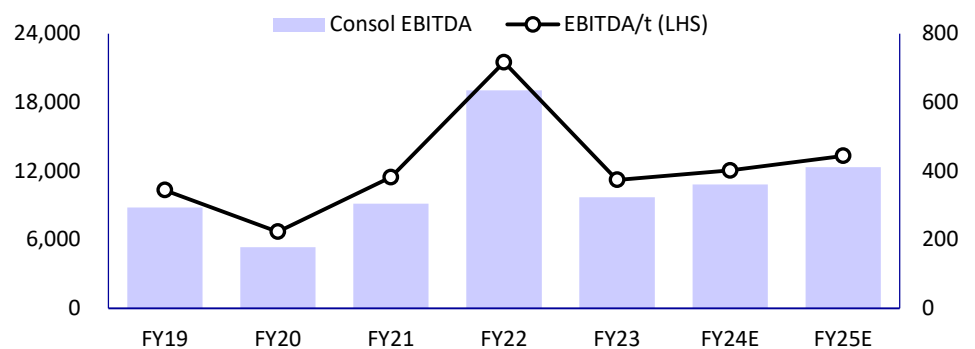
Exhibit 2: Share of high margin (VAP) branded products has been increasing



Source: MOFSL, Company

- Over the last three years, TATA has been registering higher sales from VAP and are back to pre-Covid levels as seen in FY19.
- TATA caters to 87% of the domestic market and the company has seen higher sales (except export) across all the segments, such as automobile, retail, packaging, construction, infrastructure, energy, consumer durables, engineering, and trade.

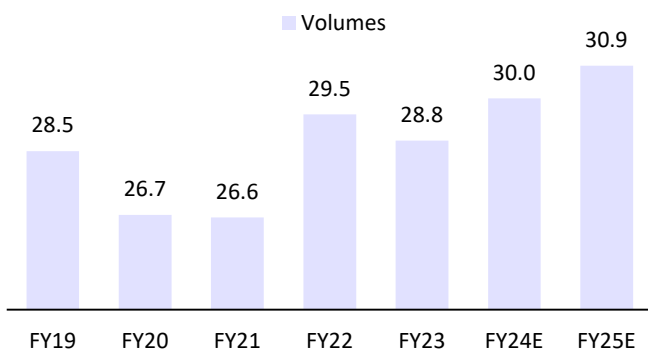
Exhibit 3: We expect EBITDA/t to improve from FY24E onwards



Source: MOFSL, Company

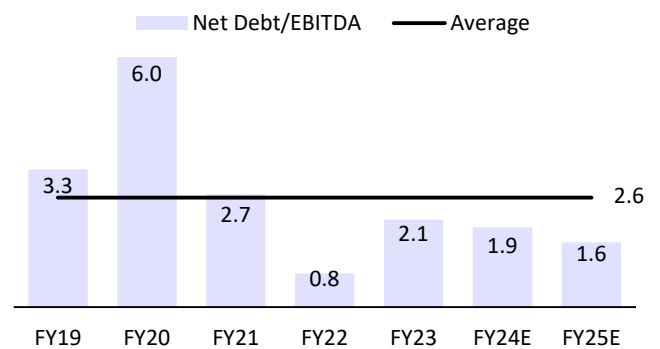
- Going forward, we expect EBITDA/t to improve ~INR920/t in FY24 to INR12,043/t, and thereafter, improve to INR13,314/t in FY25.
- As the share of VAP increases and as the new facility comes on stream, margins are expected to improve further.

Exhibit 4: Sales volumes are expected to touch 30mt mark in FY24E



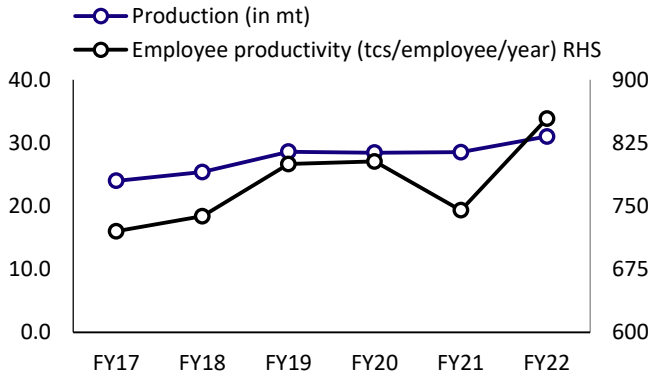
Source: MOFSL, Company

Exhibit 5: ND/EBITDA within average of 2.6x; excluding outlier (FY20) ND/EBITDA is near its LTA of 2.1x



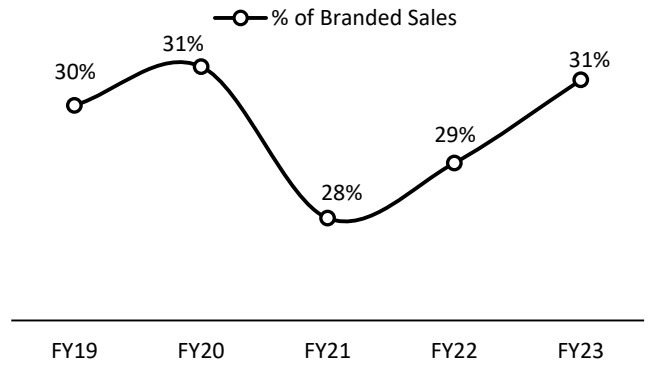
Source: MOFSL, Company

Exhibit 6: Employee productivity was at a record high of 854tcs/employee/year in FY22



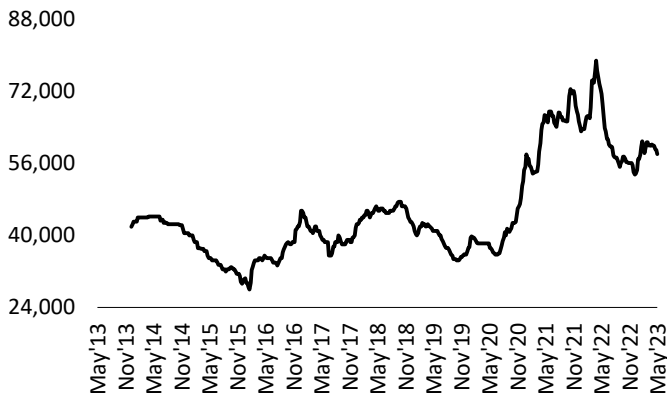
Source: MOFSL, Company

Exhibit 7: Branded products contribute 31% of the total sales, back to pre-Covid levels



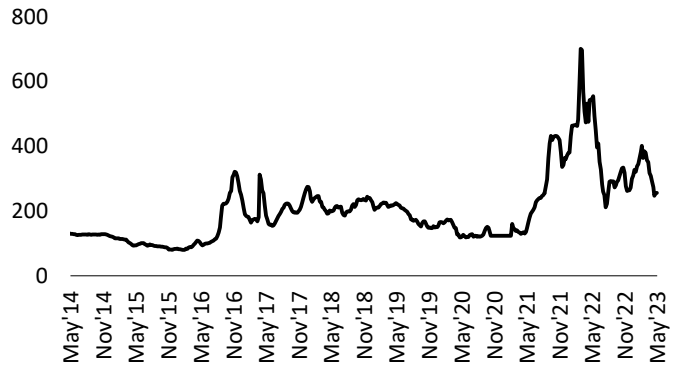
Source: MOFSL, Company

Exhibit 8: Domestic HRC prices (INR/t) are currently under pressure and is around INR57,700/t



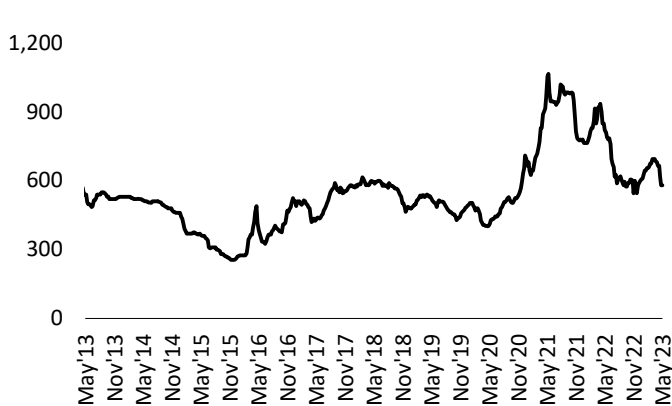
Source: MOFSL, SteelMint

Exhibit 9: Coking coal price had recently cooled down from over USD400/t to below USD250/t



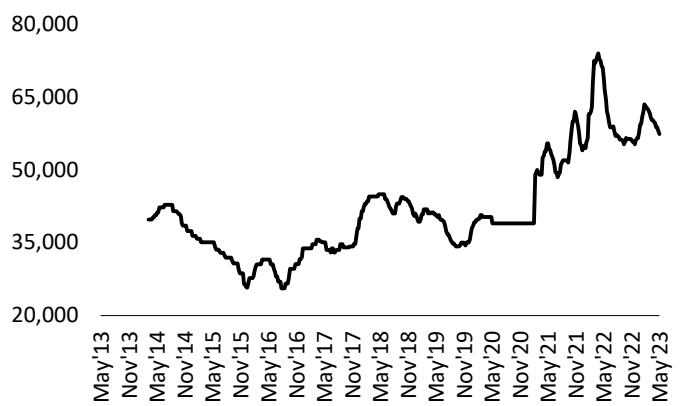
Source: MOFSL, SteelMint

Exhibit 10: China HRC prices (FOB) (USD/t) have corrected from USD700/t in Mar'23 to USD550/t as on date



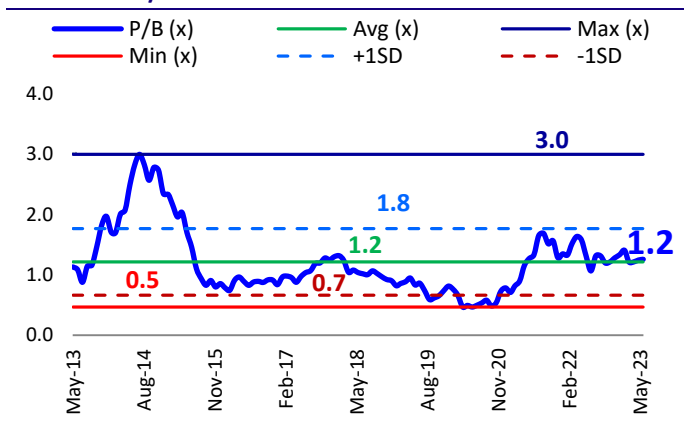
Source: MOFSL, SteelMint

Exhibit 11: Domestic long steel prices (INR/t)



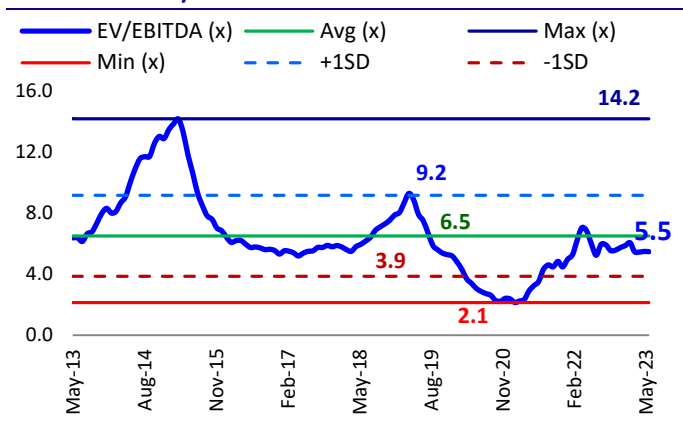
Source: MOFSL, SteelMint

Exhibit 12: P/B at LTA



Source: MOFSL, Company Data

Exhibit 13: ...EV/EBITDA below LTA



Source: MOFSL, Company Data

Exhibit 14: FY24E EBITDA sensitivity analysis (INR b) to change in Coal USD/t and NSR (INR/t)

		Coal USD/t				
		-15	-5	0	5	15
NSR (INR/t)	-1,000	297	281	273	265	249
	-500	306	290	282	274	258
	0	316	300	292	284	268
	500	325	309	301	293	277
	1,000	335	319	311	303	287

Source: MOFSL

Exhibit 15: FY24E EBITDA sensitivity (% change)

		Coal USD/t				
		-15	-5	0	5	15
NSR (INR/t)	-1,000	1.7	-3.8	-6.5	-9.3	-14.8
	-500	5.0	-0.5	-3.3	-6.0	-11.5
	0	8.3	2.8	0.0	-2.8	-8.3
	500	11.5	6.0	3.3	0.5	-5.0
	1,000	14.8	9.3	6.5	3.8	-1.7

Source: MOFSL

- A reduction of USD15/t in the coking coal price and a NSR increase of INR1,000/t will increase EBITDA by 14.8%. However, a coal price increase of USD15/t, coupled with an NSR decrease of INR1,000/t, can erode 14.8% of EBITDA.

Exhibit 16: Target price sensitivity analysis to change in Coal USD/t and NSR (INR/t)

		Coal USD/t				
		-15	-5	0	5	15
NSR (INR/t)	-1,000	109	100	96	92	84
	-500	113	105	101	97	89
	0	118	110	110	102	94
	500	123	115	111	107	98
	1,000	128	119	115	111	103

Source: MOFSL

Exhibit 17: Target price sensitivity (% change)

		Coal USD/t				
		-15	-5	0	5	15
NSR (INR/t)	-1,000	-0.9	-9.1	-12.7	-16.4	-23.6
	-500	2.7	-4.5	-8.2	-11.8	-19.1
	0	7.3	0.0	0.0	-7.3	-14.5
	500	11.8	4.5	0.9	-2.7	-10.9
	1,000	16.4	8.2	4.5	0.9	-6.4

Source: MOFSL

- A reduction of USD15/t in the coking coal price along with an NSR increase of INR1,000/t will increase the target price to INR128. Similarly, if the price of coking coal rises by USD15/t, with no change in NSR, target price will drop by 14.5% to INR94.

Exhibit 18: TP calculation

Y/E March	2024E
Standalone	
Sales	19.1
EBITDA	15,305
EBITDA	291.7
Target multiple	5.5
Target EV	1,604
Europe	
Sales	8.6
EBITDA	52,205
EBITDA	6,086
EBITDA/t	72
EBITDA	52
Target multiple	5.5
Target EV	287
Other Subsidiaries	
EBITDA - India subs	17
Target EBITDA multiple	5.5
Target EV	93
Target EV	1,985
Net Debt (d)	692
Total equity value	1,293
No of shares o/s	12.21
Target Price	110

Source: MOFSL

Exhibit 19: Global comparative valuations

Company	M-Cap USD m	P/E (x)			EV/EBITDA (x)			P/B (x)			RoE (%)		
		CY21/ FY22	CY22/ FY23	CY23/ FY24	CY21/ FY22	CY22/ FY23	CY23/ FY24	CY21/ FY22	CY22/ FY23	CY23/ FY24	CY21/ FY22	CY22/ FY23	CY23/ FY24
India													
Tata*	15,992	3.2	15.0	9.5	2.8	6.1	5.5	1.2	1.3	1.2	44.6	8.3	13.4
JSW*	20,691	7.8	60.7	10.0	5.7	12.7	6.5	2.5	2.6	2.1	37.5	4.2	23.3
JSP*	7,121	6.2	14.6	8.4	4.1	6.1	4.6	1.5	1.4	1.2	25.9	9.9	15.2
SAIL*	4,235	2.8	17.5	8.1	2.4	6.9	4.9	0.6	0.6	0.6	24.3	3.6	7.4
Japan													
JFE	8,053	3.8	6.9	6.8	5.0	6.4	6.4	0.5	0.5	0.5	15.5	7.4	7.1
Nippon Steel	19,948	5.1	4.1	6.5	5.4	4.8	5.5	0.8	0.7	0.6	18.1	17.3	10.1
Kobe Steel	3,329	8.0	7.2	7.4	6.3	6.7	5.8	0.6	0.5	0.5	7.2	7.5	6.9
Korea													
POSCO	23,257	7.2	9.6	7.8	4.4	5.2	4.5	0.6	0.5	0.5	8.3	5.9	6.8
Hyundai Steel	3,490	3.4	5.3	4.5	3.9	4.6	4.0	0.2	0.2	0.2	7.6	4.6	5.3
US													
Nucor	34,940	4.9	8.6	12.0	3.3	5.1	6.7	1.9	1.7	1.5	43.5	20.5	12.0
US Steel	4,785	2.2	5.1	12.8	1.4	2.9	4.0	0.5	0.5	0.4	26.2	9.1	4.6
Steel Dynamics	16,430	4.4	6.2	10.9	3.1	4.2	6.5	2.2	1.7	1.4	51.9	29.0	14.0
Europe													
AM	22,659	2.5	5.7	5.3	2.0	3.6	3.5	0.4	0.4	0.4	18.8	7.7	7.4
SSAB	6,732	3.2	6.1	10.0	1.8	3.0	4.4	0.7	1.0	1.0	26.0	16.7	9.9
TKA	4,270	4.1	13.5	7.2	0.4	0.4	0.3	0.3	0.3	0.3	8.4	2.4	4.1
VOE	5,966	5.1	5.4	8.6	3.7	3.0	3.9	0.8	0.7	0.7	16.7	13.9	8.0
China													
Baosteel	20,521	9.4	8.8	7.8	5.4	4.7	4.1	0.7	0.7	0.7	7.0	7.2	8.0

Source: MOFSL, Company. (*) denotes MOFSL estimates

Financials and Valuations

Income Statement (Consolidated)									(INR b)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Net Sales	1,123	1,322	1,577	1,490	1,563	2,440	2,434	2,353	2,460
Change (%)	10.1	17.7	19.3	-5.5	4.9	56.1	-0.2	-3.3	4.6
EBITDA	170	219	294	178	305	635	323	361	411
% of Net Sales	15.1	16.6	18.6	12.0	19.5	26.0	13.3	15.3	16.7
Deprn. & Amortization	57	60	73	87	92	91	93	103	105
EBIT	113	159	220	91	213	544	230	258	306
Finance cost	51	55	77	76	76	55	63	75	65
Other income	5	9	14	18	9	8	10	8	9
PBT before EO	68	113	158	34	146	497	177	191	250
EO income	-43	96	-1	-49	-10	-1	1	0	0
PBT after EO	25	209	157	-16	135	496	178	191	250
Tax	28	34	67	-26	57	85	102	57	101
Rate (%)	113	16	43	163	42	17	57	30	40
Reported PAT	-3	175	90	10	79	411	77	134	149
Minority interest P/L	1	43	-11	-4	7	16	-7	3	1
Share of asso. PAT	0	2	2	2	3	6	4	5	2
PAT (After MI & asso.)	-4	134	103	16	75	402	88	136	150
Div. on Pref. /Hybrid Sec.	3	3	3	3	3	0	0	0	0
Adjusted PAT	37	80	101	10	83	402	86	136	150
Change (%)	-275.3	116.3	27.3	-89.8	697.0	386.8	-78.5	57.1	10.7

Balance Sheet (Consolidated)									(INR b)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Share Capital	10	11	11	11	12	12	12	12	12
Reserves	346	575	655	702	723	1,132	1,019	1,093	1,183
Net Worth	355	586	667	713	735	1,144	1,031	1,106	1,195
Minority Interest	16	9	24	26	33	27	21	24	25
Total Loans	851	942	1,031	1,186	956	756	849	789	749
Deferred Tax Liability	91	95	115	78	75	93	115	115	148
Capital Employed	1,313	1,632	1,836	2,003	1,798	2,020	2,016	2,033	2,117
Gross Block	1,266	1,399	1,730	1,955	2,120	2,159	2,372	2,630	2,902
Less: Accum. Deprn.	380	479	526	652	806	869	962	1,065	1,170
Net Fixed Assets	885	920	1,204	1,305	1,314	1,290	1,410	1,565	1,732
Capital WIP	158	166	186	195	190	220	312	215	103
Investments	68	30	32	29	35	58	48	53	55
Goodwill on consolidation	35	41	40	41	43	43	56	56	56
Curr. Assets	578	929	863	921	855	1,213	1,028	960	1,002
Inventory	248	283	317	311	333	488	544	516	539
Account Receivables	116	124	118	79	95	122	83	116	121
Cash & liquid investment	106	228	59	115	130	244	170	97	111
Others	109	294	370	417	297	358	231	231	231
Curr. Liability & Prov.	411	455	490	487	639	805	838	815	831
Account Payables	186	204	217	214	260	368	378	355	371
Provisions & Others	225	251	273	273	380	437	460	460	460
Net Current Assets	168	475	373	434	216	408	189	145	172
Appl. of Funds	1,313	1,632	1,836	2,003	1,798	2,020	2,016	2,033	2,117

Financials and Valuations

Ratios (Consolidated)

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)									
EPS	3.8	7.0	8.9	0.9	6.9	33.0	7.1	11.1	12.3
Cash EPS	9.6	12.2	15.3	8.5	14.6	40.4	14.7	19.6	20.9
BV/Share (ex goodwill)	33.0	47.6	54.7	58.7	57.7	90.2	79.8	85.9	93.3
DPS	0.8	0.8	1.0	1.0	2.5	5.1	3.6	5.0	5.0
Payout (%)	25.2	11.6	11.3	110.4	36.2	15.5	50.8	44.9	40.6
Valuation (x)									
P/E	27.9	15.2	12.0	117.0	15.4	3.2	15.0	9.5	8.6
Cash P/E	11.0	8.7	6.9	12.5	7.3	2.6	7.2	5.4	5.1
P/BV	3.2	2.2	1.9	1.8	1.8	1.2	1.3	1.2	1.1
EV/Sales	1.6	1.5	1.4	1.5	1.3	0.7	0.8	0.8	0.8
EV/EBITDA	10.4	8.8	7.4	12.8	6.9	2.8	6.1	5.5	4.7
Dividend Yield (%)	0.8	0.8	0.9	0.9	2.4	4.8	3.4	4.7	4.7
Return Ratios (%)									
EBITDA Margins (%)	15.1	16.6	18.6	12.0	19.5	26.0	13.3	15.3	16.7
Net Profit Margins (%)	3.3	6.0	6.4	0.7	5.3	16.5	3.6	5.8	6.1
RoE	15.7	17.2	17.3	1.6	11.9	44.6	8.3	13.4	13.7
RoCE (pre-tax)	9.4	11.6	13.7	5.8	11.8	29.2	12.1	13.4	15.3
RoIC (pre-tax)	13.3	14.6	15.9	5.7	13.7	37.0	15.4	16.4	17.4
Working Capital Ratios									
Fixed Asset Turnover (x)	1.3	1.4	1.3	1.1	1.2	1.9	1.7	1.5	1.4
Asset Turnover (x)	0.9	0.8	0.9	0.7	0.9	1.2	1.2	1.2	1.2
Debtor (Days)	38	34.3	27.3	19.3	22.3	18	12	18	18
Inventory (Days)	81	78.2	73.3	76.1	77.7	73	82	80	80
Payables (Days)	60	56.4	50.3	52.4	60.6	55	57	55	55
Working Capital T/O (Days)	58	56.2	50.4	43.1	39.3	36	37	43	43
Leverage Ratio (x)									
Current Ratio	1.4	2.0	1.8	1.9	1.3	1.5	1.2	1.2	1.2
Interest Cover Ratio	2.2	2.9	2.9	1.2	2.8	10.0	3.6	3.4	4.7
Net Debt/Equity	2.3	1.3	1.6	1.6	1.2	0.5	0.7	0.7	0.6

Cash Flow Statement (Consolidated)

(INR b)

Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
EBITDA	170	219	294	178	305	635	323	361	411
Reconciliation income (loss)	6	-17	-15	3	-20	24	-14	0	0
(Inc)/Dec in Wkg. Cap.	-49	-43	26	42	165	-96	-37	-29	-13
Tax Paid	-18	-29	-51	-21	-7	-119	-55	-57	-68
CF from Op. Activity	108	130	253	202	443	444	217	275	331
(Inc)/Dec in FA + CWIP	-77	-75	-91	-104	-70	-105	-141	-160	-160
Free Cash Flow to Firm	31	55	162	98	373	339	75	115	171
(Pur)/Sale of Non-cur. Invest.	4	-9	4	4	4	-6	0	0	0
Acquisition in subsidiaries	-11	-2	-351	-41	1	12	-104	0	0
Int. & Dividend Income	2	4	3	4	5	3	6	8	9
Others	-3	9	18	8	3	1	13	0	0
CF from Inv. Activity	-85	-73	-416	-129	-57	-95	-226	-152	-151
Equity raised/(repaid)	7	91	0	2	32	3	0	0	0
Debt raised/(repaid)	27	41	82	76	-321	-160	54	-60	-40
Dividend (incl. tax)	-9	-12	-14	-18	-12	-30	-63	-61	-61
Interest & equiv. paid	-50	-54	-74	-77	-71	-47	-61	-75	-65
CF from Fin. Activity	-26	66	-7	-17	-371	-234	-70	-196	-166
(Inc)/Dec in Cash	-3	123	-170	56	15	114	-79	-73	14
Add: opening Balance	108	106	228	59	115	130	244	170	97
Closing Balance	106	228	59	115	130	244	170	97	111

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SELL	< - 10%
NEUTRAL	< - 10 % to 15%
UNDER REVIEW	Rating may undergo a change
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