

September 30, 2020

## Tata Steel Limited: Rating reaffirmed

### Summary of rating action

Instrument*	Previous Rated Amount (Rs. crore)	Current Rated Amount (Rs. crore)	Rating Action
Commercial Paper Programme	15,000.00	15,000.00	[ICRA]A1+ reaffirmed
<b>Total Limits</b>	<b>15,000.00</b>	<b>15,000.00</b>	

\*Instrument details are provided in Annexure-1

### Rationale

The rating reaffirmation takes into account Tata Steel Limited's (TSL) large scale of operations globally, and its status as a leading producer of high-quality steel with significant vertical integration and captive raw material linkages for its Indian operations, which not only imparts cost-efficiency, but also partially hedges the company's profits against volatility in raw material prices. TSL's captive mines meet 100% and 30% of the company's domestic iron ore and coking coal requirements respectively, giving the company a distinct competitive advantage over its peers. The rating also takes into consideration TSL's diversified product portfolio in the flat and long product categories, characterised by a high share of value-added and branded products, which support higher margins and strengthen TSL's operating profile. The rating reaffirmation also reflects TSL's status as a strategically important entity of the Tata Group, and the demonstrated support from the promoter, Tata Sons Private Limited (TSPL, rated [ICRA]AAA (Stable)/ [ICRA]A1+), strengthening TSL's credit profile.

The rating, however, reflects the inherent cyclicity in the steel sector, which exposes the company to volatility in earnings. ICRA notes that following the Covid-19 outbreak, the business environment for the steel sector has been adversely impacted due to the disruption in key end-user industries. This is expected to exert pressure on TSL's profits and cash accruals in FY2021, in turn leading to a weakening of the consolidated net debt/OPBITDA<sup>1</sup> to ~7.7 times in FY2021, against 6.8 times in FY2020 and 3.3 times in FY2019. However, despite the fall in business earnings, TSL has been able to shore up a sizeable on-balance sheet liquidity buffer by leveraging its high financial flexibility. This would help the company mitigate any stress case scenario potentially arising during the current pandemic affected year. ICRA however notes that TSL's India business has steadily ramped up from a capacity utilisation levels of 44% in April 2020 to close to 100%<sup>2</sup> in August 2020, which along with rising steel prices and lower coking coal costs is expected to support a healthy recovery in the performance of the Indian operations from the Q1 FY2021 lows. The rating incorporates the subdued performance from TSL's international operations over the years, which has led to substantial funding support from the domestic business. Tata Steel Europe reported an operating loss in FY2020, and the operating losses are expected to remain in FY2021 as well due to the Covid-19 pandemic. The inability to turn around the European steel business remains a structural drag on TSL's credit profile.

The Tata Steel Group completed an aggressive domestic inorganic expansion in FY2019 and FY2020, which saw its domestic steelmaking capacity increase from 13 million tonne per annum (mtpa) to 19.6-mtpa, supported by the acquisitions of the erstwhile Bhushan Steel Limited (now renamed Tata Steel BSL Limited, TSBSL) and the steelmaking assets of Usha Martin Limited (UML). TSL is also in the midst of undertaking a 5-mtpa brownfield expansion at Kalinganagar in Odisha. Though capital deployment in the India business present an opportunity to increase TSL's share

<sup>1</sup> OPBITDA: Operating profits before interest, tax, depreciation and amortization

<sup>2</sup> Source: Company

in the growing domestic market, such sizeable debt funded growth plans have exerted pressure on TSL's free cash flows, leverage, and coverage indicators. However, given the pressure on earnings, TSL has announced significant cutbacks in its capex spends in the current fiscal, which would help keep a check on its consolidated borrowing levels.

The short-term rating also incorporates TSL's exposure to regulatory risks, given its presence in the highly regulated iron ore and coal mining operations, and its exposure to forex risks, given that around 52% of its consolidated debt (as on March 31, 2020) is denominated in the foreign currency, whereas around 80-90% of the consolidated EBITDA is generated from the Indian operations of TSL and its subsidiaries. However, the close linkages between dollar movements and steel prices provide a natural hedge to TSL, partly mitigating forex risks. Going forward, ICRA expects TSL's liquidity profile to remain adequate, supported by its healthy earnings from the Indian steel business, high financial flexibility, and a sizeable cash and liquid investment pool.

## Key rating drivers and their description

### Credit strengths

**Large scale of operations globally with a wide distribution reach** – Globally, TSL stood as the 9<sup>th</sup> largest steel producer in CY2019, having a crude steel capacity of 34 million tonne per annum (mtpa)<sup>3</sup>, with operations spread across 26 countries and commercial presence in 50 countries. A large scale of operation leads to synergies associated with shared marketing and distribution functions, shared logistics and raw material procurement channels, shared research and development functions, and shared business support functions. TSL has a high market share in the Eastern and Northern regions of India. ICRA notes that supported by its superior product quality and wide distribution network, TSL has been able to operate the steel assets in India at capacity utilisation levels of close to 100% across business cycles.

**Diversified product mix, with a high share of value-added products** – TSL's product portfolio spans across the flat and long product categories and is characterised by a high share of value-added and branded products. Over 50% of TSL's sales are in the value-added product categories, which fetch higher realisations, and support its profitability. TSL has an established position in the domestic automobile flat product segment. With the acquisition of Bhushan Steel and the alloy steel business of Usha Martin Limited, the Tata Steel Group is expected to further consolidate its leadership position in the domestic automotive market. In addition, TSL has been able to roll out a wide array of branded products, catering to the needs of the B2C segment, leveraged technology and digital platforms to directly reach the steel consumer, and has also developed a portfolio of products and solutions made from steel (like 'Nest-In', 'Pravesh' steel door, 'Nestudio'), which help in partly mitigating the cyclical nature associated with the steel business.

**Captive iron ore and coking coal mines provide cost efficiency and partly insulate profitability of domestic operations from volatility in raw material prices** – TSL's standalone steel business remains one of the lowest cost steel producers globally, consistently reporting healthy earnings through the cycle<sup>4</sup>. TSL India procures 100% of its iron ore requirement and around 30% of its coking coal requirement from its captive mines. As a result, TSL's domestic profitability has remained partly insulated from the volatility in raw material prices.

**Strategically important entity to the Tata Group** – TSL remains a strategically important entity to the Tata Group, which lends it a high degree of financial flexibility. TSL has a demonstrated track record of capital raising in both debt and equity markets, and enjoys a strong relationship with the banking ecosystem, which strengthens its credit profile. The rating assigned to TSL factors in the high likelihood of its parent, TSPL, extending financial support to TSL. ICRA notes that there has been a demonstrated track record of TSPL extending timely financial support to TSL in the past, as evident

<sup>3</sup> Source: World Steel Association

<sup>4</sup> TSL's standalone steel business consistently reported healthy underlying EBITDA in the range of US\$ 162/MT- US\$ 235/MT of steel deliveries between FY2017 and FY2019

during the rights issue of Rs. 12,800-crore<sup>5</sup> in end-FY2018. ICRA expects such support from the parent to continue, if the need so arises, because of TSL's strategic importance to the Tata Group, and out of its need to protect its reputation.

## Credit challenges

**Volatile and low profitability from international operations; significant deterioration in performance of the European business in the current fiscal** - TSL has been reporting low and volatile profitability from the European and South-East Asian operations<sup>6</sup>. Tata Steel Europe has two large steelmaking hubs, one in the Netherlands (7.3 mtpa steel plant at IJmuiden), and another in the United Kingdom (5.1-mtpa steel plant at Port Talbot). ICRA notes that the performance of the European steel business deteriorated in FY2020, and the operating environment in Europe is expected to slide further following the Covid-19 pandemic.

**Aggressive debt-funded domestic growth plans to exert pressure on the debt coverage metrics in the medium term** – The Tata Steel Group has actively participated in the stressed asset resolution process of steel companies. In May 2018, TSL acquired a 72.65% controlling stake in TSBSL for a consideration of Rs. 35,232.6-crore for its 5.6-mtpa integrated steel plant in Odisha. Subsequently, in April 2019, TSL acquired the 1-mtpa alloy steel business of Usha Martin Limited for a consideration of around Rs. 4,668-crore. In addition, the company is currently undertaking a 5-mtpa brownfield expansion at Kalinganagar Phase II at a budgeted cost of around Rs. 23,500-crore. Given these sizeable debt-funded capacity addition plans, TSL's debt coverage metrics and free cash flows are expected to remain suppressed in the near to medium term. However, the business uncertainty following the Covid-19 pandemic had led to significant cutback in TSL's capex plans to ~Rs. 4,000-5,000 crore in FY2021 from Rs. 10,398 crore in FY2020.

**Inherent cyclicality in the steel sector** –The inherent cyclicality in the steel industry exposes steelmakers to a high degree of earnings volatility, which in turn leads to swings in debt protection metrics. However, TSL's backward integration in raw materials, competitive conversion costs, and an enriched product mix partly mitigate earnings volatility for the India steel business. Following the outbreak of Covid-19, the steel companies have faced headwinds, which led to subdued earnings. ICRA expects TSL's consolidated earnings to decline in FY2021 over FY2020, which is expected to lead to a deterioration in its credit metrics.

**Exposure to regulatory risks, given its presence in the highly regulated iron ore and coal mining businesses** –TSL's iron ore mining operations witnessed disruption in FY2015 and FY2016 due to regulatory issues, and the company resorted to external purchases during that period. Also, the company had to pay compensations to the State Government towards excess mining of iron and manganese ore in Odisha following the order of the Hon'ble Supreme Court.

**Exposure to forex risks** - Around 52% of TSL's consolidated debt (as on March 31, 2020) was denominated in foreign currency. This exposes TSL to forex risks, more so because of its reliance on Indian operations to partly service debt obligations of overseas subsidiaries. However, close linkages between dollar movements and steel prices provide a natural hedge to TSL, partly mitigating forex risks.

## Liquidity position: Adequate

TSL's liquidity is **adequate**, supported by its ability to generate healthy retained cash flows across steel cycles. To weather the adverse impact of the Covid-19 pandemic, TSL had built up a sizeable balance sheet liquidity of Rs. 11,549 crore<sup>7</sup> as on March 31, 2020, which increased further to Rs. 14,178 crore<sup>6</sup> as on June 30, 2020 due to its efficient working capital management. Though the company's Q1 FY2021 performance remained weak due to the adverse impact of the nationwide lockdown, early signs of recovery in the domestic business have started emerging in Q2, as indicated by TSL's capacity utilisation levels for the India assets steadily ramping up from of 44% in April 2020 to close to 100% in August

<sup>5</sup> Comprising Rs. 8,000 crore fully paid shares issued at Rs. 510/share and Rs. 4,800 crore partly paid shares issued at Rs. 615/share of which Rs. 154/share has already been received upfront and the balance Rs. 461/share is callable later

<sup>6</sup> TSL is currently under negotiation to sale its South-East Asian steel business, and the business is classified as discontinued operations

<sup>7</sup> Excludes cash & liquid investments of the South-East Asian operations, but includes the earmarked balances with banks

2020. ICRA expects TSL's India business to operate at high utilisation rates for the remainder of FY2021, which along with a recovery in steel prices, is expected to support retained cash flows in the range of Rs. 5,100-5,200 crore in FY2021 full year. TSL has significantly cut back its capex budget to ~Rs. 4,000 - 5,000 crore in FY2021, which would help the free cash flows to remain marginally positive during the full year.

## Rating sensitivities

**Negative triggers** – Pressure on TSL's rating could arise in case of any large debt funded expansion without any commensurate increase in earnings, leading to a deterioration in consolidated credit metrics and liquidity profile.

## Analytical approach

Analytical Approach	Comments
Applicable Rating Methodologies	<a href="#">Corporate Credit Rating Methodology</a> <a href="#">Rating Methodology for Entities in the Ferrous Metals Industry</a>
Parent/Group Support	Parent Company: Tata Sons Private Limited (TSPL) ICRA expects TSPL to be willing to extend financial support to TSL, should there be a need, given its strategic importance to the Tata Group, and out of its need to protect its reputation. Both TSPL and TSL share the common Tata name, which in ICRA's opinion, would persuade TSPL to provide financial support to TSL to protect its reputation from the consequences of a Group entity's distress.
Consolidation/Standalone	For arriving at the ratings, ICRA has considered the consolidated financials of TSL. TSL had 208 subsidiaries/step-down subsidiaries, 28 JVs and 24 associates, that are enlisted in Annexure-2.

## About the company

TSL is a part of the widely diversified Tata Group. TSL has an annual crude steel capacity of 34 mtpa. The company has 19.6 mt of crude steel capacity in India, and the remaining capacity mainly in Europe. TSL has targeted to increase its domestic steel capacity to 30 mtpa by 2025. In addition to the acquisition of BSL, TSL is planning to increase the capacity at Kalinganagar to 8 mtpa from the present 3 mtpa. Tata Steel Europe was formed by the takeover of the erstwhile Corus Plc by TSL. The company also has operations in Thailand and Singapore. The product profile of the company comprises both long and flat products. In addition to different varieties of steel, it is also a large producer of ferro-chrome products.

In FY2020, the company reported a consolidated net profit of Rs. 1,172.5 crore on an operating income of Rs. 1,48,971.7 crore compared to a consolidated net profit of Rs. 9,098.3 crore on an operating income of Rs. 1,67,301.5 crore in the previous year.

### Key consolidated financial indicators (audited)

	FY2019	FY2020	Q1 FY2021	Q1 FY2020
Operating Income (Rs. crore)	1,67,301.5	1,48,971.7	24,288.5	35,947.1
PAT (Rs. crore)	9,098.3	1172.5	-4648.1	702.0
OPBDIT/OI (%)	18.2%	11.5%	2.1%	15.0%
PAT/OI (%)	5.4%	0.8%	-19.1%	2.0%
Total Outside Liabilities/Tangible Net Worth (times)	2.3	2.3	-	-
Total Debt/OPBDIT (times)	3.3	6.8	58.8	5.0
Net Debt/OPBDIT (times)	3.1	6.2	52.1	4.8
Interest Coverage (times)	3.9	2.3	0.3	3.0

**Status of non-cooperation with previous CRA: Not applicable**

**Any other information: None**

### Rating history for past three years

	Instrument	Current Rating (FY2021)			Rating History for the Past 3 Years				
		Type	Amount Rated (Rs. Crore)	Amount Outstanding (Rs. Crore)	FY2021	FY2020		FY2019	FY2018
					30-Sep-2020	30-Aug-2019	21-May-2019	09-Jul-2018	28-Sep-2017
1	Commercial Paper	Short Term	15,000.00	0.00*	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+

\*Nil amount outstanding as on Sep 28, 2020

### Complexity level of the rated instrument

ICRA has classified various instruments based on their complexity as "Simple", "Complex" and "Highly Complex". The classification of instruments according to their complexity levels is available on the website [click here](#)

## Annexure-1: Instrument details

ISIN	Instrument Name	Date of Issuance / Sanction	Coupon Rate	Maturity Date	Amount Rated (Rs. crore)	Current Rating and Outlook
-	Proposed Commercial Paper	-	-	-	15,000.00	[ICRA]A1+

Source: Tata Steel Limited

## Annexure-2: List of entities considered for consolidated analysis (as on 31.03.2020)

Sr. No.	Company Name	Ownership	Consolidation Approach
<b>Subsidiary and step-down subsidiaries</b>			
1	ABJA Investment Co. Pte Ltd.	100.0%	Full Consolidation
2	Adityapur Toll Bridge Company Limited	88.5%	Full Consolidation
3	Tata Steel Special Economic Zone Limited	100.0%	Full Consolidation
4	The Indian Steel & Wire Products Ltd.	95.0%	Full Consolidation
5	Tata Steel Utilities and Infrastructure Services Limited (formerly Jamsshedpur Utilities & Services Company Limited)	100.0%	Full Consolidation
6	Haldia Water Management Limited	60.0%	Full Consolidation
7	Kalimati Global Shared Services Limited	100.0%	Full Consolidation
8	Mohar Export Services Pvt. Ltd.	66.5%	Full Consolidation
9	NatSteel Asia Pte. Ltd.	100.0%	Full Consolidation
10	TS Asia (Hong Kong) Ltd.	100.0%	Full Consolidation
11	Rujuvalika Investments Limited	100.0%	Full Consolidation
12	T S Alloys Limited	100.0%	Full Consolidation
13	Tata Korf Engineering Services Ltd. <sup>5</sup>	100.0%	Full Consolidation
14	Tata Metaliks Ltd.	55.1%	Full Consolidation
15	Tata Steel Long Products Limited	75.9%	Full Consolidation
16	TSIL Energy Limited	100.0%	Full Consolidation
17	T Steel Holdings Pte. Ltd.	100.0%	Full Consolidation
18	T S Global Holdings Pte. Ltd.	100.0%	Full Consolidation
19	Orchid Netherlands (No.1) B.V.	100.0%	Full Consolidation
20	NatSteel Holdings Pte. Ltd.	100.0%	Full Consolidation
21	Easteel Services (M) Sdn. Bhd.	100.0%	Full Consolidation
22	Eastern Steel Fabricators Philippines, Inc.	67.0%	Full Consolidation
23	NatSteel Recycling Pte Ltd.	100.0%	Full Consolidation
24	NatSteel Trade International Pte. Ltd.	100.0%	Full Consolidation
25	The Siam Industrial Wire Company Ltd.	100.0%	Full Consolidation
26	TSN Wires Co., Ltd.	60.0%	Full Consolidation
27	NatSteel (Xiamen) Ltd.	- -	Full Consolidation
28	NatSteel Vina Co. Ltd.	- -	Full Consolidation
29	Tata Steel Europe Limited	100.0%	Full Consolidation
30	Apollo Metals Limited	100.0%	Full Consolidation
31	Blastmega Limited <sup>^</sup>	100.0%	Full Consolidation
32	Bore Samson Group Limited <sup>^</sup>	100.0%	Full Consolidation
33	British Steel Corporation Limited	100.0%	Full Consolidation

Sr. No.	Company Name	Ownership	Consolidation Approach
34	British Steel Directors (Nominees) Limited	100.0%	Full Consolidation
35	British Steel Nederland International B.V.	100.0%	Full Consolidation
36	C V Benine**	76.9%	Full Consolidation
37	C Walker & Sons Limited^	100.0%	Full Consolidation
38	Catnic GmbH	100.0%	Full Consolidation
39	Catnic Limited	100.0%	Full Consolidation
40	CBS Investissements SAS	100.0%	Full Consolidation
41	Tata Steel Mexico SA de CV	100.0%	Full Consolidation
42	Color Steels Limited^	100.0%	Full Consolidation
43	Cogent Power Inc	100.0%	Full Consolidation
44	Cogent Power Limited	100.0%	Full Consolidation
45	Corbeil Les Rives SCI**	67.3%	Full Consolidation
46	Corby (Northants) & District Water Company Limited	100.0%	Full Consolidation
47	Corus CNBV Investments	100.0%	Full Consolidation
48	Corus Cold drawn Tubes Limited^	100.0%	Full Consolidation
49	Corus Engineering Steels (UK) Limited	100.0%	Full Consolidation
50	Corus Engineering Steels Holdings Limited^	100.0%	Full Consolidation
51	Corus Engineering Steels Limited	100.0%	Full Consolidation
52	Corus Engineering Steels Overseas Holdings Limited^	100.0%	Full Consolidation
53	Corus Group Limited	100.0%	Full Consolidation
54	Corus Holdings Limited	100.0%	Full Consolidation
55	Corus International (Overseas Holdings) Limited	100.0%	Full Consolidation
56	Corus International Limited	100.0%	Full Consolidation
57	Corus International Romania SRL.**	100.0%	Full Consolidation
58	Corus Investments Limited	100.0%	Full Consolidation
59	Corus Ireland Limited	100.0%	Full Consolidation
60	Corus Large Diameter Pipes Limited^	100.0%	Full Consolidation
61	Corus Liaison Services (India) Limited	100.0%	Full Consolidation
62	Corus Management Limited	100.0%	Full Consolidation
63	Corus Property	100.0%	Full Consolidation
64	Corus UK Healthcare Trustee Limited	100.0%	Full Consolidation
65	Crucible Insurance Company Limited	100.0%	Full Consolidation
66	Degels GmbH	100.0%	Full Consolidation
67	Demka B.V.	100.0%	Full Consolidation
68	DSRM Group Plc.^	100.0%	Full Consolidation
69	00026466 Limited (formerly Firsteel Group Limited)	100.0%	Full Consolidation
70	02727547 Limited (formerly Firsteel Holdings Limited)	100.0%	Full Consolidation
71	Fischer Profil GmbH	100.0%	Full Consolidation
72	Gamble Simms Metals Limited	100.0%	Full Consolidation
73	H E Samson Limited	100.0%	Full Consolidation
74	Hadfields Holdings Limited	62.5%	Full Consolidation
75	Halmstad Steel Service Centre AB	100.0%	Full Consolidation
76	Hille & Muller GmbH	100.0%	Full Consolidation
77	Hille & Muller USA Inc.	100.0%	Full Consolidation
78	Hoogovens USA Inc.	100.0%	Full Consolidation

Sr. No.	Company Name	Ownership	Consolidation Approach
79	Huizenbezit "Breesaap" B.V.	100.0%	Full Consolidation
80	Inter Metal Distribution SAS	100.0%	Full Consolidation
81	Layde Steel S.L.	100.0%	Full Consolidation
82	London Works Steel Company Limited	100.0%	Full Consolidation
83	Montana Bausysteme AG	100.0%	Full Consolidation
84	Naantali Steel Service Centre OY	100.0%	Full Consolidation
85	Norsk Stal Tynnplater AS	100.0%	Full Consolidation
86	Norsk Stal Tynnplater AB	100.0%	Full Consolidation
87	Orb Electrical Steels Limited	100.0%	Full Consolidation
88	Ore Carriers Limited^	100.0%	Full Consolidation
89	Oremco Inc.	100.0%	Full Consolidation
90	Plated Strip (International) Limited^	100.0%	Full Consolidation
91	Precoat International Limited^	100.0%	Full Consolidation
92	Precoat Limited^	100.0%	Full Consolidation
93	Rafferty-Brown Steel Co Inc Of Conn.	100.0%	Full Consolidation
94	Round Oak Steelworks Limited^	100.0%	Full Consolidation
95	S A B Profiel B.V.	100.0%	Full Consolidation
96	S A B Profiel GmbH	100.0%	Full Consolidation
97	Service Center Gelsenkirchen GmbH	100.0%	Full Consolidation
98	Service Centre Maastricht B.V.	100.0%	Full Consolidation
99	Societe Europeenne De Galvanisation (Segal) Sa	100.0%	Full Consolidation
100	Staalverwerking en Handel B.V.	100.0%	Full Consolidation
101	Surahammar Bruks AB	100.0%	Full Consolidation
102	Swinden Housing Association Limited	100.0%	Full Consolidation
103	Tata Steel Belgium Packaging Steels N.V.	100.0%	Full Consolidation
104	Tata Steel Belgium Services N.V.	100.0%	Full Consolidation
105	Tata Steel Denmark Byggsystemer A/S	100.0%	Full Consolidation
106	Tata Steel Europe Distribution BV	100.0%	Full Consolidation
107	Tata Steel Europe Metals Trading BV	100.0%	Full Consolidation
108	Tata Steel France Batiment et Systemes SAS	100.0%	Full Consolidation
109	Tata Steel France Holdings SAS	100.0%	Full Consolidation
110	Tata Steel Germany GmbH	100.0%	Full Consolidation
111	Tata Steel IJmuiden BV	100.0%	Full Consolidation
112	Tata Steel International (Americas) Holdings Inc	100.0%	Full Consolidation
113	Tata Steel International (Americas) Inc	100.0%	Full Consolidation
114	Tata Steel International (Czech Republic) S.R.O	100.0%	Full Consolidation
115	Tata Steel International (Denmark) A/S^	100.0%	Full Consolidation
116	Tata Steel International (France) SAS	100.0%	Full Consolidation
117	Tata Steel International (Germany) GmbH	100.0%	Full Consolidation
118	Tata Steel International (South America)	100.0%	Full Consolidation
119	Tata Steel International (Italia) SRL	100.0%	Full Consolidation
120	Tata Steel International (Middle East) FZE	100.0%	Full Consolidation
121	Tata Steel International (Nigeria) Ltd.	100.0%	Full Consolidation
122	Tata Steel International (Poland) sp Zoo	100.0%	Full Consolidation
123	Tata Steel International (Sweden) AB	100.0%	Full Consolidation

Sr. No.	Company Name	Ownership	Consolidation Approach
124	Tata Steel International (India) Limited	100.0%	Full Consolidation
125	Tata Steel International Iberica SA	100.0%	Full Consolidation
126	Tata Steel Istanbul Metal Sanayi ve Ticaret AS	100.0%	Full Consolidation
127	Tata Steel Maubeuge SAS	100.0%	Full Consolidation
128	Tata Steel Nederland BV	100.0%	Full Consolidation
129	Tata Steel Nederland Consulting & April 2, 2007	100.0%	Full Consolidation
130	Tata Steel Nederland Services BV	100.0%	Full Consolidation
131	Tata Steel Nederland Technology BV	100.0%	Full Consolidation
132	Tata Steel Nederland Tubes BV	100.0%	Full Consolidation
133	Tata Steel Netherlands Holdings B.V.	100.0%	Full Consolidation
134	Tata Steel Norway Byggsystemer A/S	100.0%	Full Consolidation
135	Tata Steel Sweden Byggsystem AB^	100.0%	Full Consolidation
136	Tata Steel UK Consulting Limited	100.0%	Full Consolidation
137	Tata Steel UK Holdings Limited	100.0%	Full Consolidation
138	Tata Steel UK Limited	100.0%	Full Consolidation
139	Tata Steel USA Inc.	100.0%	Full Consolidation
140	The Newport And South Wales Tube Company Limited	100.0%	Full Consolidation
141	The Stanton Housing Company Limited^	100.0%	Full Consolidation
142	Thomas Processing Company	100.0%	Full Consolidation
143	Thomas Steel Strip Corp.	100.0%	Full Consolidation
144	TS South Africa Sales Office Proprietary Limited	100.0%	Full Consolidation
145	Tulip UK Holdings (No.2) Limited	100.0%	Full Consolidation
146	Tulip UK Holdings (No.3) Limited	100.0%	Full Consolidation
147	UK Steel Enterprise Limited April 2, 2007	100.0%	Full Consolidation
148	Unitol SAS	100.0%	Full Consolidation
149	Walker Manufacturing And Investments Limited^	100.0%	Full Consolidation
150	Walkersteelstock Ireland Limited^	100.0%	Full Consolidation
151	British Steel Trading Limited	100.0%	Full Consolidation
152	Cogent Power Inc.	-	Full Consolidation
153	Esmil B.V.	-	Full Consolidation
154	Beheermaatschappij Industriële Producten B.V.	-	Full Consolidation
155	Tata Steel Nederland Star-Frame BV	--	Full Consolidation
156	Corus Primary Aluminium B.V.	--	Full Consolidation
157	Corus Steel Service STP LLC**	--	Full Consolidation
158	Tata Steel International (Canada) Holdings Inc	--	Full Consolidation
159	Tata Steel International (Finland) OY	--	Full Consolidation
160	Automotive Laser Technologies Limited	--	Full Consolidation
161	Harrowmills Properties Limited	--	Full Consolidation
162	British Tubes Stockholding Limited	--	Full Consolidation
163	CPN (85) Limited	--	Full Consolidation
164	Midland Steel Supplies Limited	--	Full Consolidation
165	Corus Ukraine Limited Liability Company	--	Full Consolidation
166	T S Global Minerals Holdings Pte Ltd.	100.0%	Full Consolidation
167	Al Rimal Mining LLC	70.0%	Full Consolidation
168	TSMUK Limited	100.0%	Full Consolidation

Sr. No.	Company Name	Ownership	Consolidation Approach
169	T S Canada Capital Ltd.	100.0%	Full Consolidation
170	Tata Steel Minerals Canada Limited	77.7%	Full Consolidation
171	Kalimati Coal Company Pty. Ltd.	#VALUE!	Full Consolidation
172	Tata Steel International (Singapore) Holdings Pte. Ltd.	100.0%	Full Consolidation
173	Tata Steel International (Asia) Limited	100.0%	Full Consolidation
174	Tata Steel International (Shanghai) Ltd.**	100.0%	Full Consolidation
175	Tata Steel International (Singapore) Pte. Ltd.	- -	Full Consolidation
176	Tata Steel (Thailand) Public Company Ltd.	67.9%	Full Consolidation
177	N.T.S Steel Group Plc.	99.8%	Full Consolidation
178	The Siam Construction Steel Co. Ltd.	100.0%	Full Consolidation
179	The Siam Iron And Steel (2001) Co. Ltd.	100.0%	Full Consolidation
180	T S Global Procurement Company Pte. Ltd.	100.0%	Full Consolidation
181	ProCo Issuer Pte. Ltd.	100.0%	Full Consolidation
182	Tata Steel Odisha Limited	100.0%	Full Consolidation
183	Tata Steel Downstream Products Limited (formerly Tata Steel Processing and Distribution Limited)	100.0%	Full Consolidation
184	Tayo Rolls Limited#	54.9%	Full Consolidation
185	The Tata Pigments Limited	100.0%	Full Consolidation
186	The Tinsplate Company of India Ltd.	75.0%	Full Consolidation
187	Tata Steel Foundation	100.0%	Full Consolidation
188	Jamshedpur Football and Sporting Private Limited	100.0%	Full Consolidation
189	Sakchi Steel Limited@	100.0%	Full Consolidation
190	Jugsalai Steel Limited@	100.0%	Full Consolidation
191	Noamundi Steel Limited@	100.0%	Full Consolidation
192	Straight Mile Steel Limited@	100.0%	Full Consolidation
193	Bistupur Steel Limited@	100.0%	Full Consolidation
194	Jamadoba Steel Limited@	100.0%	Full Consolidation
195	Dimna Steel Limited@	100.0%	Full Consolidation
196	Bhubaneshwar Power Private Limited	100.0%	Full Consolidation
197	Bamnival Steel Limited	100.0%	Full Consolidation
198	Tata Steel BSL Limited	72.7%	Full Consolidation
199	Angul Energy Limited	100.0%	Full Consolidation
200	Bhushan Steel (Orissa) Limited	100.0%	Full Consolidation
201	Bhushan Steel (South) Limited	100.0%	Full Consolidation
202	Bhushan Steel (Madhya Bharat) Limited	100.0%	Full Consolidation
203	Bhushan Steel (Australia) PTY Ltd.	91.0%	Full Consolidation
204	Bowen Energy PTY Ltd.	100.0%	Full Consolidation
205	Bowen Coal PTY Ltd.	100.0%	Full Consolidation
206	Bowen Consolidated PTY Ltd.	100.0%	Full Consolidation
207	Creative Port Development Private Limited	51.0%	Full Consolidation
208	Subarnarekha Port Private Limited	50.4%	Full Consolidation
237			
<b>Joint Ventures</b>			
1	Himalaya Steel Mill Services Private Limited	26.00%	Equity Method
2	mjunction services limited	50.00%	Equity Method

Sr. No.	Company Name	Ownership	Consolidation Approach
3	S & T Mining Company Private Limited	50.00%	Equity Method
4	Tata BlueScope Steel Private Limited	50.00%	Equity Method
5	BlueScope Lysaght Lanka (Pvt) Ltd	100.00%	Equity Method
6	Tata NYK Shipping Pte Ltd.	50.00%	Equity Method
7	Tata NYK Shipping (India) Private Limited	100.00%	Equity Method
8	Jamshedpur Continuous Annealing & Processing Company Private Limited	51.00%	Equity Method
9	T M Mining Company Limited	74.00%	Equity Method
10	TM International Logistics Limited	51.00%	Equity Method
11	International Shipping and Logistics FZE	100.00%	Equity Method
12	TKM Global China Ltd.	100.00%	Equity Method
13	TKM Global GmbH	100.00%	Equity Method
14	TKM Global Logistics Limited	100.00%	Equity Method
15	Industrial Energy Limited	26.00%	Equity Method
16	Jamipol Limited	39.78%	Equity Method
17	Nicco Jubilee Park Limited	25.31%	Equity Method
18	Medica TS Hospital Private Limited	26.00%	Equity Method
19	SEZ Adityapur Limited.	51.00%	Equity Method
20	Naba Diganta Water Management Limited	74.00%	Equity Method
21	Air Products Llanwern Limited	50.00%	Equity Method
22	Laura Metaal Holding B.V.	49.00%	Equity Method
23	Ravenscraig Limited	33.33%	Equity Method
24	Tata Steel Ticaret AS	50.00%	Equity Method
25	Texturing Technology Limited	50.00%	Equity Method
26	Hoogovens Court Roll Service Technologies VOF	50.00%	Equity Method
27	Minas De Benga (Mauritius) Limited	35.00%	Equity Method
28	Andal East Coal Company Private Limited	33.89%	Equity Method
<b>Associates</b>			
1	Kalinga Aquatic Ltd	30.00%	Equity Method
2	Kumardhubi Fireclay & Silica Works Ltd	27.78%	Equity Method
3	Kumardhubi Metal Casting and Engineering Limited	49.31%	Equity Method
4	Strategic Energy Technology Systems Private Limited	25.00%	Equity Method
5	Tata Construction & Projects Ltd.	27.19%	Equity Method
6	TRF Limited.	34.11%	Equity Method
7	TRF Singapore Pte Limited	100.00%	Equity Method
8	TRF Holdings Pte Limited	100.00%	Equity Method
9	Dutch Lanka Trailer Manufacturers Limited	100.00%	Equity Method
10	Dutch Lanka Engineering (Private) Limited	100.00%	Equity Method
11	Hewitt Robins International Ltd	100.00%	Equity Method
12	Hewitt Robins International Holdings Ltd	100.00%	Equity Method
13	Malusha Travels Pvt Ltd	33.23%	Equity Method
14	European Profiles (M) Sdn. Bhd.	20.00%	Equity Method
15	Albi Profils SRL	30.00%	Equity Method
16	GietWals Onderhoud Combinatie B.V.	50.00%	Equity Method
17	ISSB Limited	50.00%	Equity Method
18	Wupperman Staal Nederland B.V.	30.00%	Equity Method

Sr. No.	Company Name	Ownership	Consolidation Approach
19	Fabsec Limited	25.00%	Equity Method
20	New Millennium Iron Corp.	26.18%	Equity Method
21	9336-0634 Québec Inc	33.33%	Equity Method
22	Bhushan Energy Limited	47.71%	Equity Method
23	Bhushan Capital & Credit Services Private Limited	42.58%	Equity Method
24	Jawahar Credit & Holdings Private Limited	39.65%	Equity Method

\* Includes share application money

& Closing exchange rate as on March 31, 2020 has been considered for calculation

\$ Not considered for consolidation as financial information is not available

# Not considered for consolidation as the subsidiary is undergoing Corporate Insolvency Resolution Process under the Insolvency and Bankruptcy Code, 2016.

\*\* Reporting period for Subsidiary companies at Sl. 36, 45, 57, 157, 174 is December 2019

^ Subsidiaries under liquidation

@ Subsidiaries under strike off

**(i) Name of the subsidiaries which have been liquidated or sold during the year:**

- 1 NatSteel (Xiamen) Limited
- 2 Natsteel Vina Co. Ltd.
- 3 Automotive Laser Technologies Limited
- 4 Harrowmills Properties Limited
- 5 British Tubes Stockholding Limited
- 6 CPN (85) Limited
- 7 Corus Ukraine Limited Liability Company
- 8 Midland Steel Supplies Limited
- 9 Kalimati Coal Company Pty. Ltd.
- 10 Cogent Power Inc.
- 11 Esmil B.V.
- 12 Beheermaatschappij Industriële Producten B.V.
- 13 Tata Steel Nederland Star-Frame BV
- 14 Corus Primary Aluminium B.V.
- 15 Corus Steel Service STP LLC
- 16 Tata Steel International (Canada) Holdings Inc
- 17 Tata Steel International (Finland) OY
- 18 Tata Steel International (Singapore) Pte. Ltd.

**(ii) Name of the subsidiaries under liquidation with no assets, liabilities and transactions during the period:**

- 1 Bell & Harwood Limited
- 2 Bore Steel Limited
- 3 British Guide Rails Limited
- 4 British Steel Engineering Steels (Exports) Limited
- 5 British Steel Service Centres Limited
- 6 Cordor (C&B) Limited
- 7 Corus Engineering Steels Pension Scheme Trustee Limited
- 8 Corus Service Centre Limited
- 9 Corus Tubes Poland Spolka Z.O.O
- 10 Grant Lyon Eagre Limited
- 11 Hammermega Limited
- 12 Lister Tubes Limited
- 13 Nationwide Steelstock Limited
- 14 Runblast Limited
- 15 Runmega Limited

- 16 Seamless Tubes Limited
- 17 Steel StockHoldings Limited
- 18 Steelstock Limited
- 19 Stewarts & Lloyds Of Ireland Limited
- 20 Stewarts And Lloyds (Overseas) Limited
- 21 Tata Steel International (Schweiz) AG
- 22 The Templeborough Rolling Mills Limited
- 23 Toronto Industrial Fabrications Limited
- 24 U.E.S. Bright Bar Limited
- 25 UKSE Fund Managers Limited
- 26 Walkersteelstock Limited
- 27 Westwood Steel Services Limited
- 28 Whitehead (Narrow Strip) Limited
- 29 Europressings Limited
- 30 Tata Steel (KZN) (Pty) Ltd.

**(iii) Name of the subsidiaries which are yet to commence operations:**

- 1 Subarnarekha Port Private Limited
- 2 TSIL Energy Limited
- 3 Bhushan Steel (Orissa) Limited
- 4 Bhushan Steel (South) Limited
- 5 Bhushan Steel (Madhya Bharat) Limited
- 6 Bhushan Steel (Australia) PTY Ltd.
- 7 Bowen Energy PTY Ltd.
- 8 Bowen Coal PTY Ltd.
- 9 Bowen Consolidated PTY Ltd.

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