



STEEL AUTHORITY OF INDIA LIMITED

INTERNATIONAL TRADE DIVISION

International Trade Division (ITD) - an ISO 9001:2000 accredited unit of SAIL's Central Marketing Organisation at Kolkata- exports Mild Steel products and Pig Iron produced by SAIL's five integrated steel plants. Ever ready to meet the exacting demands of CMO's international customers, ITD maintains a close liaison with customers as well as production units to cater to the customised requirements of its international customers, in terms of quality, quantity and sizes.

ITD has successfully established the brand name SAIL globally by supplying Rails, Structural, Merchant products, Wire Rods, Re-bars, Plate Mill Plates, Hot Rolled Coils, Hot Rolled Plates / Sheets, Cold Rolled steels, Galvanised steels, Cold Rolled Non-Oriented (CRNO) coils, Stainless Steel sheets/coils, Chequered Plates, Slabs, Billets, Blooms and Pig Iron, besides cut-to-size Hot Rolled and Cold Rolled materials in all continents. Most products are covered by stringent certifications such as CE marking, TUV and 'U' mark required by sophisticated end uses in European markets.

SAIL products have been exported to countries like USA, Mexico, Europe (UK, Germany, France, Belgium, Italy, Spain, Netherlands, and Portugal), Sudan, Oman, UAE, Saudi Arabia, Japan, China, Korea, Taiwan, Vietnam, Philippines, Singapore, Malaysia, Thailand, Indonesia, Australia, Nigeria, Mozambique, Kenya and many more, as well as in neighbouring countries such as Myanmar, Bangladesh, Sri Lanka and Nepal.

SAIL - proud suppliers of steel for the Indian Navy's Ship "**Sandhayak**"

#SAILTogether



HOT ROLLED COILS: BSL



Producing Plant :	Bokaro Steel Plant	
Specification :	JISG 3101 SS 400; JISG 3132 SPHT 1/2; JISG 3131 SPHC; JIS G - 3116 295 EN 10025 S235 JR/JR G2; S275 JR; S-355 JO; DIN 17100 ST 37.2/ST 44.2; BS 4360 GR. 40/43A; ASTM A 36 / A 569/A 570 GR 33/40; SAE 1006 - SAE 1018 or equivalent.	
Supply Condition :	a) As rolled (through concast route), fully Aluminium Killed with Silicon content of 0.04% max. (optional), not further worked than Hot Rolled, Non-Clad, Non-Plated, Non-Coated, Unoiled, Unpickled, Unskinned, Mill Edge Condition, and on the basis of metric system. b) Guarantee of "No Coil Break" is not available since the same depends on decoiling practice at end user's end as well. c) Coil I.D. - 850 mm. (33½") (approx.) d) Coil O.D. - 2300 mm. (90½") max.	
	Width Range in mm.(inch)	Coil Weight in metric tonnes
	940-1100 (37" - 41") Above 1100 - 1250 (41"-49") Above 1250 - 1525 (48"-60") Above 1525 - 1600 (60"-63") Above 1600 - 1829 (63"-72")	12-17 14-21 16-24 17-25 20-29
Rolling Tolerance:	As per specific ordered and mutual agreement.	
Packing :	Bare strapped with high tensile straps of minimum 3 numbers through the eye and minimum 3 numbers across the circumference.	
Invoicing :	Based on actual net weight mentioned on the outer layer of the coil.	
Sizes :	Thickness in mm. (inch)	Width in mm. (inch)
	1.6 (0.063")	940 - 1040 (37" - 41")
	1.8 (0.071")	940 - 1250 (37"-49")
	2.0 (0.079")	940 - 1320 (37"-52")
	>2.0 - 2.9 (0.079" - 0.114")	940 - 1420 (37"-56")
	>2.9 - 4.0 (0.114" - 0.157")	940 - 1600 (37"-63")
	>4.0 - 16.0 (0.157" - 0.63")	940 - 1829 (37"-72")
Markings :	Size/Grade/Coil No./Heat No./Net Wt./Contract No./Made in India	
Minimum Order Quantity:	A) Per single width and per grade : 1000 metric tonnes B) Per single Thickness per width : 250 metric tonnes	
Port of Loading :	Haldia Port, India & Paradip Port, India	



HOT ROLLED COILS: RSP



Producing Plant :	Rourkela Steel Plant	
Specification :	JISG 3101 SS 400, JISG 3132 SPHT 1/2, JISG 3131 SPHC, EN 10025 S235 JR, S275 JR, DIN 17100 ST 37.2/ST 44.2, BS 4360 GR. 40/43A, ASTM A36 / A 569/A 570 GR 33/40, SAE 1006-SAE 1018 or equivalent	
Supply Condition :	a) As Rolled (through Concast Route), fully Aluminium Killed with Silicon content of 0.04% Max. (Optional), not further worked than Hot Rolled, Non-Clad, Non-Plated, Non-Coated, Unoiled, Unpickled, Unskinned, Mill Edge Condition, and on the basis of metric system b) "Guarantee of no Coil Break" is not available since the same depends on decoiling practice at end user's end as well c) No Temper pass facility is available d) Coils are handled in "Eye to the Sky" position at the mill and made Eye Horizontal after receipt at Visakhapatnam e) Coil I.D. - 760mm. (approx.) f) Coil O.D. - 1800 mm. max. g) Coil Weight - 8-17 metric tonnes	
Rolling Tolerance : (For width and Thickness only)	As per specifications ordered and mutual agreement. For example typical tolerance on thickness is 2/3 value of JISG 3193	
Packing :	Bare strapped with high tensile straps of min. 3 nos. through the eye and min. 3 nos. across the circumference or as mutually agreed	
Invoicing :	Based on actual net weight mentioned on the outer layer of the Coil	
Sizes :	Thickness (mm.)	Width (mm.)
	2.0-2.2	1030-1050
	2.3-2.5	1030-1050
	2.8-6.0	1030-1050/1230-1270
Markings :	Size, Grade, Coil no., Heat no., Contract no., Net weight	
Minimum Order Quantity :	Per single width and per Grade : 250 metric tonnes	
Port of Loading :	Visakhapatnam, India	

COLD ROLLED COILS



Producing Plant :	Bokaro Steel Plant			
Specification :	DIN 1623 ST 12.03; ASTM A568/366; JIS G3141 SPCC SD; BS 1449 Pt. 1; IS 513 GR "O" or equivalent with Silicon content of 0.04% maximum			
Supply Condition :	Annealed, Skin Passed, Matt Finish, Oiled, Mill Edges (Serration 2 mm. maximum).			
Sizes :	Thickness (in mm.)	Width (in mm.)	Coil ID (in mm.)	Maximum Coil Weight. (in mt.)
	0.5 to 0.63	900-1020	510/600	15
	>0.63 to 0.8	Upto 1270	600	19
	>0.8 to 2	Upto 1420	600	21
Coil OD:	2200 mm. maximum			
Tolerance:	Normal as per specification			
Oil Coating:	Uniform oiling throughout the strip (coating thickness not measured)			
Surface Roughness:	Normally strips have roughness value below 1.5 micron			
Packing Condition:	Coils are wrapped in polythene sheet/HDPE, VCI paper and metal packed with edge protector and without inner sleeve			
Basis of Invoicing :	Actual net weight mentioned on the coils			
Minimum Order Size:	250 metric tonnes per size in each size/grade combination			
Quantity Tolerance:	+/- 5% at seller's option			
Marking:	Size; Grade; Contract No.; Coil No.; Gross weight; and Net weight			
Inspection:	By Bokaro Steel Plant. Buyer can also inspect the materials at the Plant before its despatch			
Port of Loading:	Haldia Port, India Paradip Port, India			

PLATE MILL PLATES-RSP



Producing Plant :	Rourkela Steel Plant- New Plate Mill
Capacity :	0.98 MTPA
Specification :	Mild Steel
	ASTM A 36 ASTM A 283 GR C JIS-G-3101-SS400 BSEN 10025/1993 S-235/ S-275/S-355/JR/J0/J2N IS-2062 Grade B/Grade C JIS-G-3106-SM400 A/B API 5L PSL2/Grade X42- API 5L PSL2/X60
	Other Parameters:
	Thickness : Thickness range: 10-100 mm
	Width range: 1500-4100 mm
	Length Range: 6000-12000 mm
	* Plates upto 50 mm thickness will be trimmed edged on trimming and dividing shear. Plates above 50mm thickness will be flame cut.
Packing :	Bare and Loose
General Information :	1. Offers are subject to availability and confirmation of terms and conditions on case to case basis.
Port of Loading :	Vishakhapatnam port, India Paradip Port, India



PLATE MILL PLATES-BSP

Producing Plant :	Bhilai Steel Plant	
Specification :	Mild Steel	Thickness Range in mm
	ASTM A 36/ASME SA 36M	10 to 80 (*)
	JIS-G-3101-SS400 DIN-17100 RST 37.20/ST 44.2 BSEN 10025 S 275 JR/S235 JR/235 JR G2/235 JR ASTMA 283 M/ASME SA 283 M Grade A/B/C/D JIS-G-3101-SS490 AS3678 Grade 250	10 to 80
	BS-4360 Grade 43A/B	10 to 80
	Ship Building Quality	
	ABS Grade A with ABS Certification	10 to 50.8
	LRS Grade A with Lloyds Certification	10 to 40
	LRS Grade B with Lloyds Certification	10 to 40
	High Tensile	
	ASTM A 572 M Grade 42/50 Type 2 JIS-G 3106 SM 490 A BSEN 10025 S 355 JR / S 355 J2G3 Can/CSA-G40.21-M-92-300W/44W	10 to 60
	Thickness	8 to 12 mm : Maximum 5% Above 40 mm : Maximum 10%
	Thickness	Width Range
	Above 9 mm upto 15 mm	2600 to 2750 mm
	Above 15 mm upto 20 mm	2000 to 2750 mm
	Above 20 mm	1500 to 2750 mm
	Above 2750 upto 3200 mm available in thickness range of 16-32 mm	
	Length Range	5000 to 12500 mm
Packing :	In bundles of 10-15 metric tonnes for plates upto 12 mm thickness. In loose condition for plates above 12 mm	
Invoicing :	Theoretical weight basis	
Inspection :	Plant inspection	
Port of Loading :	Visakhapatnam, India	

Technical Delivery Conditions:

- All plates shall be supplied in Killed quality (Si-Al Killed)
- Smaller sizes such as 4'x8', 5'x10', etc. can be supplied through flame cutting
- Thickness above 40 mm. shall be supplied with gas cut edges on all sides and with relaxed tolerance on flatness and waviness
- Plates of 8 to 50 mm. thickness and upto 3000 mm. width in following grades can be supplied with 'CE' marking, " U" marking and TUV certification; EN 10025 JR G2, S275 JR, S355 JR, S 355 J2G3 and S355 JO +AD 2000 W1 can be supplied upto 8 to 40 mm.
- High tensile grades can be supplied upto 10% of the total order. Exclusive orders in these grades are not possible

Total no. of sizes : 25-30 for an order size of 5000 metric tonnes



GALVANISED PRODUCTS



Producing Plant :	Bokaro Steel Plant		
Specification :	ASTM A653M; JISG 3302 (1987) SGCC, SGCD-1; DIN 17162 ST 02		
	Coating :	120/180/200/220/275 gm/sq. mtr. Nominal on both sides	
	Quality :	Chromated Regular Spangle, Continuously Hot Dipped, Lock Forming, Unoiled with Strip Edges cut at Pickling stage	
	Technical Delivery Conditions:	Coil ID :	600 mm.
		Coil Weight :	14-15 metric tonnes Max, without welding joint
		Y.S. :	250 MPa Max.
		UTS :	270-410 MPa
		Hardness:	65 HRB max.
	Works test certificate shall contain actual chemistry and LFQ conformity only Staggered winding will be provided While flatness is not measured, coils are stretch levelled with 1.5-2% elongation to improve flatness		
Tolerance :	As per applicable ASTM specification		
Packing Condition :	Coils are first wrapped with VCI paper followed by Polythene sheet. It is then covered with HDPE and securely packed in metallic covering with eye rings Edge protectors are fitted on the sides of the coils Only Non-Wood Packing will be used		
Basis of Invoicing :	Nett weight		
Sizes/Qty. :	0.50 mm. x 900 /1000 mm. 0.63 - 1.6 mm. x 900 / 1000 / 1100 / 1225 mm.		
Stamping on Material :	On line, in ink, and comprising of "SAIL JYOTI" brand, coating, weight and date of production etc.		
Markings on Coil Tag :	Size, Grade, Contract No., Coil No., & Gross Weight (incl. weight of packing)		
Inspection :	By Bokaro Steel Plant. Final inspection would be required by buyer at plant before despatch of materials		
Port of Loading :	Haldia Port, India Paradip Port, India		



HOT ROLLED SHEET/PLATE

Producing Plant :	Bokaro Steel Plant				
Specification :	JIS G 3101 SS 400; JIS G 3132 SPHT 1/2; JIS G 3131 SPHC; EN 10025 S235 JR; S275 JR; DIN 17100 ST 37.2/ST 44.2; BS 4360 GR. 40/43A; ASTM A 36 / A569 / A 570 GR 33/40; SAE 1008 - SAE 1018				
Supply Condition :	a) As rolled (through concast route), fully Aluminium Killed with Silicon content of 0.04% Max. (optional), not further worked than Hot Rolled, Non-Clad, Non-Plated, Non-Coated, Unoiled, Unpickled, Unskinned, Mill Edge Condition, and on the basis of metric system b) No Temper pass facility is available				
Rolling tolerance:	As per specific ordered and mutual agreement.				
Packing :	Bare Packing in bundles of 8-9 metric tonnes max.				
Invoicing :	Based on actual net weight mentioned on the test certificate				
Size Range :	Thickness (mm.)	Min. Width (mm.)	Max. Width (mm.)	Min. Length (mm.)	Max. Length (mm.)
	2	940	1,300	2,500	2,500
	2.1-2.9	940	1,350	2,500	3,000
	3.0-4.0	940	1,400	2,500	3,000
	4.1-4.4	940	1,500	2,500	3,000
	4.5-4.9	940	1,600	4,000	5,000
	5.0-10.0	940	1,830	4,000	8,000
Minimum Order Quantity :	Per Single Size : 100 metric tonnes				
Port of Loading :	Haldia Port, India & Paradip Port, India				

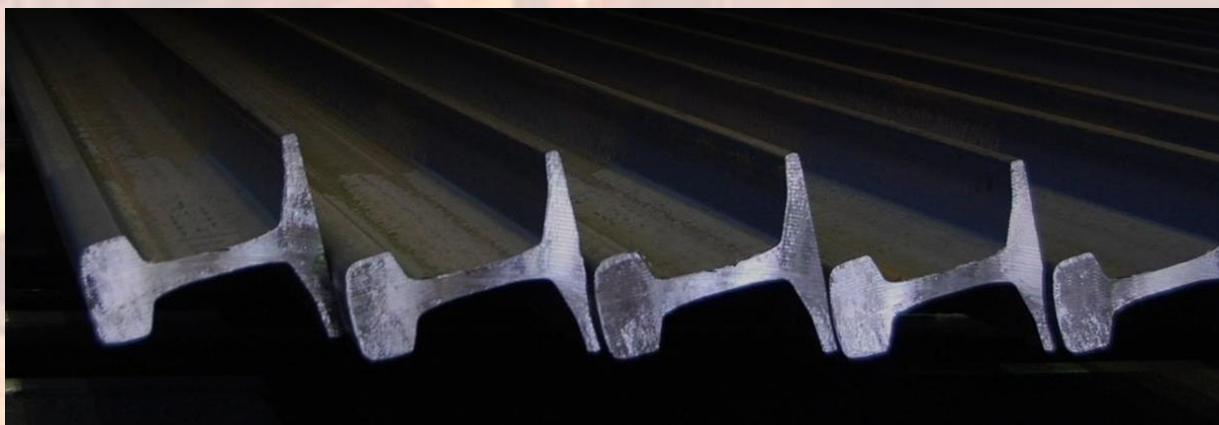
WRC



Producing Plant :	IISCO Steel Plant
Size Range (Dia) :	5.5, 6.0, 6.5, 7.0, 8.0, 10.0, 12.0, 16.0, 20.0, 22.0 mm.
Specification :	SAE: 1006, 1008, 1010, 1012, 1015, 1018, 1020 IS 7904: HC-38, 42, 46, 48, 50, 52, 56, 58, 60, 62, 66, 68, 70, 72, 76, 78, 80, 82 IS 2879: EWNR. Boron alloying can be done as per customers' request
Dimensions :	a) Coil outer diameter: 1250 mm. b) Coil inner diameter: 850-950 mm. c) Coil width : 1500 mm.
Coil Weight :	2030 Kg approx.
Packing :	4 straps radially through the eye and 2 straps over the circumference
Invoicing :	On actual weight basis
Minimum Order Qty :	600 metric tonnes per size
Port of Loading :	Haldia Port, India & Paradip Port, India



RAILS



BILLET/ BLOOM



Producing Plant :	Durgapur Steel Plant						
Production Process :	BOF, Continuous Casting						
Sizes :	Billet : 125x125x9000/12000mm. Bloom : 160x230/210x9000/12000 mm 240x350x9000/12000 mm 150x350x9000/12000 mm 150x300x9000/12000 mm						
Specification :	With the following chemical composition as per ladle sample analysis(*)						
	C	0.17 - 0.23	0.24 - 0.31	0.17 - 0.23			
	Mn	0.50 - 0.90	0.50 - 0.90	0.40 - 0.75			
	S&P	0.05 Max each					
	Si	0.10% - 0.35% (Silicon killed)					
	(*) Restrictions within the specified ladle sample analysis can be agreed depending on the availability Note : Chemistry different from above may also be supplied after confirmation by us						
Supply Condition :	All billets shall be supplied in 'As Cast' condition only						
Rolling Tolerance :	As per IS : 2830/1992 with the following						
		Billet	Bloom				
	Tolerance on Dimension	+/-5mm	+/-6mm.				
	Rhomobidity	+10 mm (Max)	+15mm. (Max)				
	Tolerance on Length	+/-150 mm	+/-150 mm				
Packing :	Loose						
Invoicing :	On actual weight basis						
Minimum Order Quantity :	2700 metric tonnes						
Port of Loading :	Haldia Port, India						

BILLET/BLOOM



Producing Plant :	IISCO Steel Plant				
Production Process :	BOF, Continuous Casting				
Sizes :	Billet : 150x150x9000/12000 mm. Bloom : 200x280x9000/12000 mm				
Specification :	With the following chemical composition as per ladle sample analysis(*)				
		Billet	Billet	Billet	Bloom
	C	0.17 - 0.23	0.14 - 0.22	0.27 - 0.32	0.14-0.2
	Mn	0.60 - 1.0	0.40 - 0.70	0.70 – 1.0	0.40 - 0.70
	Si	0.10% max (Semi Killed)	0.15-0.35% (Semi Killed)	0.15-0.35% (Semi Killed)	0.1-0.35% (Semi Killed)
	S&P	0.05 Max each			
	(*) Restrictions within the specified ladle sample analysis can be agreed depending on the availability Note : Chemistry different from above may also be supplied after confirmation by us				
Supply Condition :	All billets shall be supplied in 'As Cast' condition only				
Rolling Tolerance :	As per IS : 2830/1992 with the following				
		Billet	Bloom		
	Tolerance on Dimension	+/-5mm	+/-6mm.		
	Rhomobidity	+10 mm (Max)	+15mm. (Max)		
	Tolerance on Length	+/-150 mm	+/-150 mm		
Packing :	Loose				
Invoicing :	On actual weight basis				
Minimum Order Qty :	2700 metric tonnes				
Port of Loading :	Haldia Port, India Paradip Port, India				



CONTACT US

International Trade Division

6th Floor, ISPAT BHAWAN

40 JLN ROAD, KOLKATA 700071

sailitd.cmo@lsmgr.nic.in

Name	Product/Functional Area	Mobile	E-mail ID
Munish Ahuja	ED Sales and ITD	+91 9414024909	edsales.itd@sail.in
Vinod Singhal	CGM ITD	+91 9968605520	cgmtd.cmo@sail.in
Anuj Gupta	Flat products, Slabs	+91 9175890472	akgupta@sail.in
Ajit Tomer	All customers in the Middle East and Africa	+971 525289520	astomer@sail.in
Amit Kumar Goyal	All customers in Nepal	+91 9414024912	sailnepal@gmail.com
Neha Sharma	Long Products, Semis	+91 3323013103	neha@sail.in