



Shree Ji Steel Private Limited (Formerly Shree Ji Steel Corporation) has been giving the best quality

SAIL CHANNEL



About Shree Ji Steel Private Limited

Know us better.

Shree Ji Steel Private Limited (formerly Shree Ji Steel Corporation) is India's premier supplier of high-quality iron and steel products. Our legacy spans over four generations and we are proud to have established ourselves as a trusted name in the industry.

4 Gen
of Experience

11.3K
Happy Customers

99.4%
Clients Satisfaction



Shree Ji Steel Private Limited

+91-7044459444

[http:// sales@shreejisteelcorp.com](mailto:sales@shreejisteelcorp.com)

02.

We are Authorized Dealers for



SAIL

“Steel Authority of India Limited”

We are Authorized Dealers for



RINL

Rashtriya Ispat Nigam Limited

The corporate entity of Visakhapatnam Steel Plant (Vizag Steel)



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03.

About SAIL Steel Channel

Dispatch Location :

- Kolkata, Durgapur (West Bengal),
- Raipur (Chhattisgarh),

Dispatch Time :

- 1-7 working days.

Country Of Origin :

- Made in Bharat (INDIA)

Length :

- Length of material would be 10-14 meter for trailer loading and 5-7 meter for lorry loading.

Minimum Order Quantity (MOQ) :

- 25 Metric Ton

Size Available :

- 75x40x4.8mm to 400x100x8.8mm

Standard:

- IS 2062 E250



Size (in mm)	Weight Per Meter In KG	Weight Per Foot in KG	Weight Per 12 Meter Pcs	Approximate Pieces In 1 Ton (single Piece Length 12 Meter)	Approximate Running Meter Length In 1 (one) Ton
75x40x4.8mm	7.14	2.18	86	11.67	140.06
100x50x5mm	9.56	2.91	115	8.72	104.60
125x65x5.3mm	13.10	3.99	157	6.36	76.34
150x75x5.7mm	16.80	5.12	202	4.96	59.52
200x75x6.2mm	22.30	6.80	268	3.74	44.84
250x82x9mm	34.20	10.42	410	2.44	29.24
300x90x7.8mm	36.30	11.06	436	2.30	27.55
400x100x8.8mm	50.10	15.27	601	1.66	19.96

WEIGHT CHART



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WEB THICK & FLANGE THICK

Item	Size (in mm)	Weight Per Meter In KG	Web Thick	Flange Thick
ISMC 75	75x40mm	7.14	4.8	7.5
ISMC 100	100x50mm	9.56	5	7.7
ISMC 125	125x65mm	13.10	5.3	8.2
ISMC 150	150x75mm	16.80	5.7	9
ISMC 200	200x75mm	22.30	6.2	11.4
ISMC 250	250x82mm	34.20	9	14.1
ISMC 300	300x90mm	36.30	7.8	13.6
ISMC 400	400x100mm	50.10	8.8	15.3



CHEMICAL COMPOSITION

SAIL CHANNEL CHEMICAL ANALYSIS: (IN % MAXVALUES)

Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent, Max	Mode of Deoxidation
		C	Mn	S	P	Si		
E 250	A	0.23	1.5	0.045	0.045	0.4	0.42	Semi Killed / Killed
	BR, BO	0.22	1.5	0.045	0.045	0.4	0.41	Semi Killed / Killed

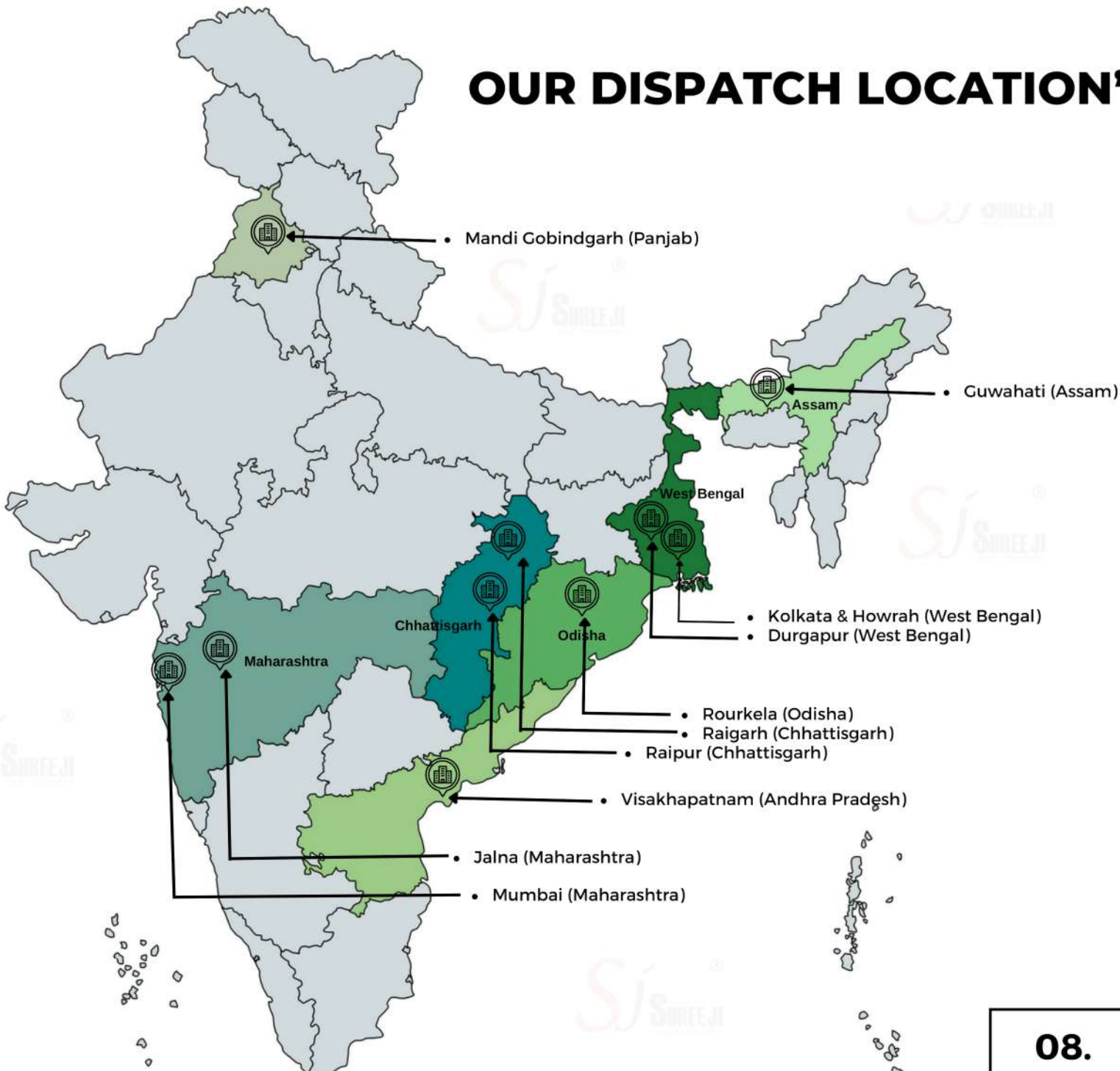
MECHANICAL PROPERTIES

SAIL CHANNEL MECHANICAL PROPERTIES: (IN % MAXVALUES)

Grade Designation	Quality	Tensile Strength Rm Min MPa	Yield	Stress MPa	Elongation Min	Percentage Elongation A, at Gauge Length, L = 5.65 VS Min	Min	Internal Bend	Charpy Impact Test	
									Temp °C	J. Min
			≤20	20-40	> 40		< 25	> 25		
E - 250	A	410	250	240	230	23	2t	3t	-	-
	BR								RT	27
	BO								0	27
	C								(-) 20	27



OUR DISPATCH LOCATION'S



OUR DISPATCH LOCATION'S



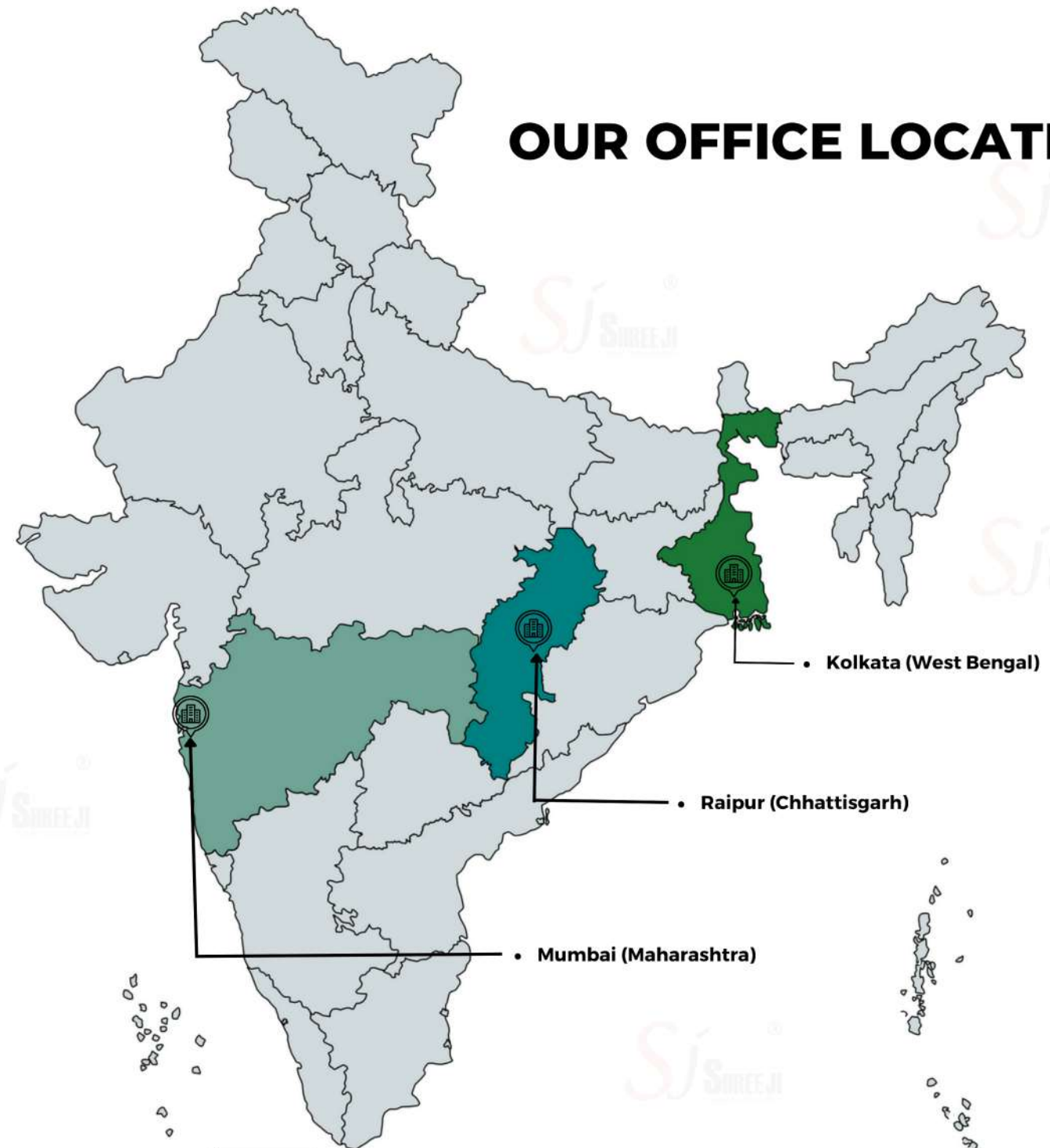
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OUR OFFICE LOCATED IN



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SHREE JI STEEL CORPORATION

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For More Details Click here

