



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

MS **NPB** BEAM



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

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 Narrow Parallel Flange Beams

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 12 meter for trailer loading and 6 meter for lorry loading.

Minimum Order Quantity (MOQ) :

- 25 Metric Ton

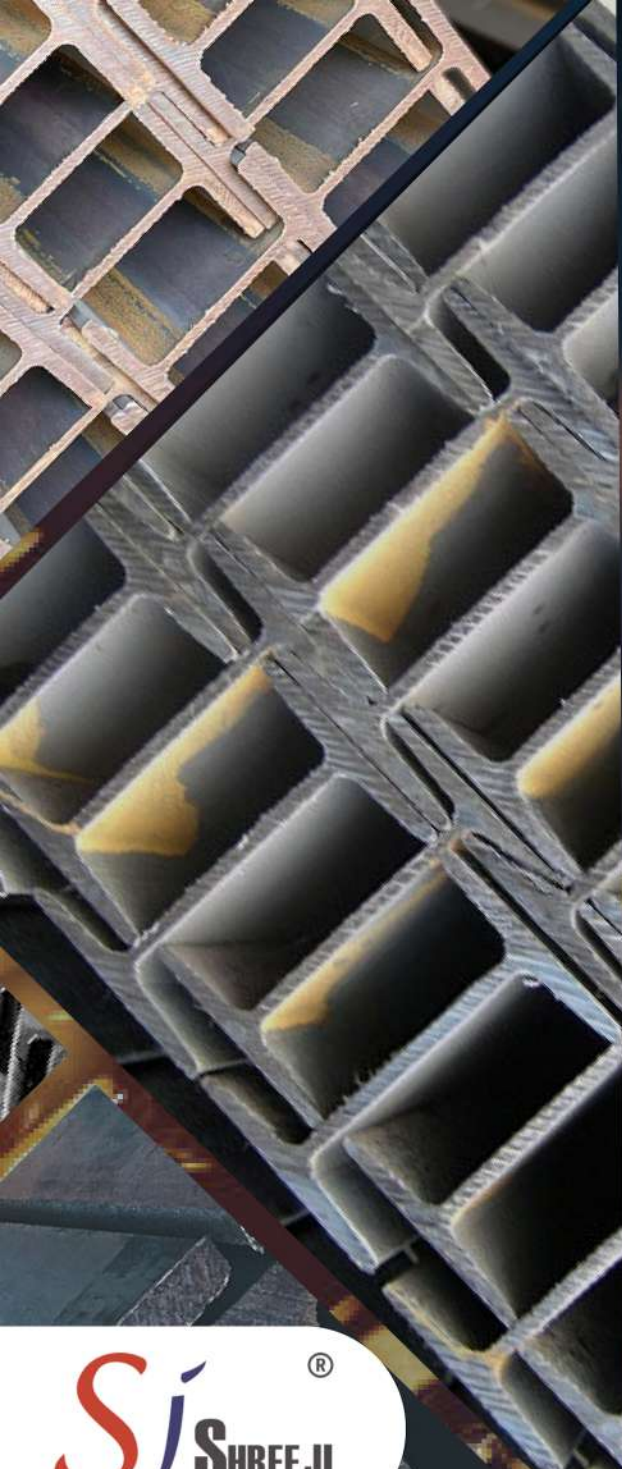
Size Available :

- 100x55mm to 750x270mm

Standard:

- IS 2062 E 250/E350 Grade





WEIGHT CHART

Size (in mm)	Weight Per Meter In KG	Weight Per Foot in KG	Weight Per 12 Meter Pcs
100x55mm	8.1	2.47	97
200x100mm	22.36	6.82	268
200x100mm	25.09	7.65	301
240x120mm	30.71	9.36	369
250x125mm	30.11	9.18	361
270x135mm	36.07	10.99	433
300x150mm	36.53	11.13	438
300x150mm	42.24	12.87	507
300x150mm	49.32	15.03	592
300x200mm	59.56	18.15	715
300x200mm	66.75	20.35	801
300x200mm	75.37	22.97	904
330x160mm	49.15	14.98	590
350x170mm	57.09	17.40	685
350x250mm	79.18	24.13	950
400x180mm	57.38	17.49	689
400x180mm	66.31	20.21	796
400x180mm	75.67	23.06	908
400x180mm	84.00	25.60	1008



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WEIGHT CHART

Size (in mm)	Weight Per Meter In KG	Weight Per Foot in KG	Weight Per 12 Meter Pcs
400x200mm	67.28	20.51	807
450x190mm	67.16	20.47	806
450x190mm	77.58	23.65	931
450x190mm	92.37	28.15	1108
450x190mm	95.20	29.02	1142
450x190mm	104.00	31.70	1248
500x200mm	79.36	24.19	952
500x200mm	90.69	27.64	1088
500x200mm	107.32	32.71	1288
550x210mm	105.52	32.16	1266
600x220mm	107.57	32.79	1291
600x220mm	122.45	37.32	1469
600x220mm	154.47	47.08	1854
600x220mm	184.00	56.08	2208
750x270mm	173.00	52.73	2076
750x270mm	174.54	53.20	2094
750x270mm	185.00	56.39	2220
750x270mm	196.00	59.74	2352
750x270mm	202.49	61.72	2430



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WEB THICK & FLANGE THICK

Item	Size (in mm)	Weight Per Meter In KG	Web Thick	Flange Thick
NPB 100	100x55mm	8.1	4.1	5.7
NPB 200	200x100mm	22.36	5.6	8.5
NPB 200	200x100mm	25.09	6.2	9.5
NPB 240	240x120mm	30.71	6.2	9.8
NPB 250	250x125mm	30.11	6	9
NPB 270	270x135mm	36.07	6.6	10.2
NPB 300	300x150mm	36.53	6.1	9.2
NPB 300	300x150mm	42.24	7.1	10.7
NPB 300	300x150mm	49.32	8	12.7
NPB 300	300x200mm	59.56	7.5	13.1
NPB 300	300x200mm	66.75	8.5	14.6
NPB 300	300x200mm	75.37	9.4	16.6
NPB 330	330x160mm	49.15	7.5	11.5
NPB 350	350x170mm	57.09	8	12.7
NPB 350	350x250mm	79.18	9	14



WEB THICK & FLANGE THICK

Item	Size (in mm)	Weight Per Meter In KG	Web Thick	Flange Thick
NPB 400	400x180mm	57.38	7	12
NPB 400	400x180mm	66.31	8.6	13.5
NPB 400	400x180mm	75.67	9.7	15.5
NPB 400	400x200mm	67.28	8	13
NPB 450	450x190mm	67.16	7.6	13.1
NPB 450	450x190mm	77.58	9.4	14.6
NPB 450	450x190mm	92.37	11	17
NPB 500	500x200mm	79.36	8.4	14.5
NPB 500	500x200mm	90.69	10.2	16
NPB 500	500x200mm	107.32	12	19
NPB 550	550x210mm	105.52	11.1	17.2
NPB 600	600x220mm	107.57	9.8	17.5
NPB 600	600x220mm	122.45	12	19
NPB 600	600x220mm	154.47	15	24
NPB 750	750x270mm	174.54	21.6	17
NPB 750	750x270mm	202.49	15.6	26.6



CHEMICAL COMPOSITION

NPB BEAM CHEMICAL COMPOSITION: (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
E 350	A, BR, BO	0.2	1.55	0.045	0.045	0.45	0.47	Semi Killed / Killed
	C	0.2	1.55	0.04	0.04	0.45	0.45	Killed



MECHANICAL PROPERTIES

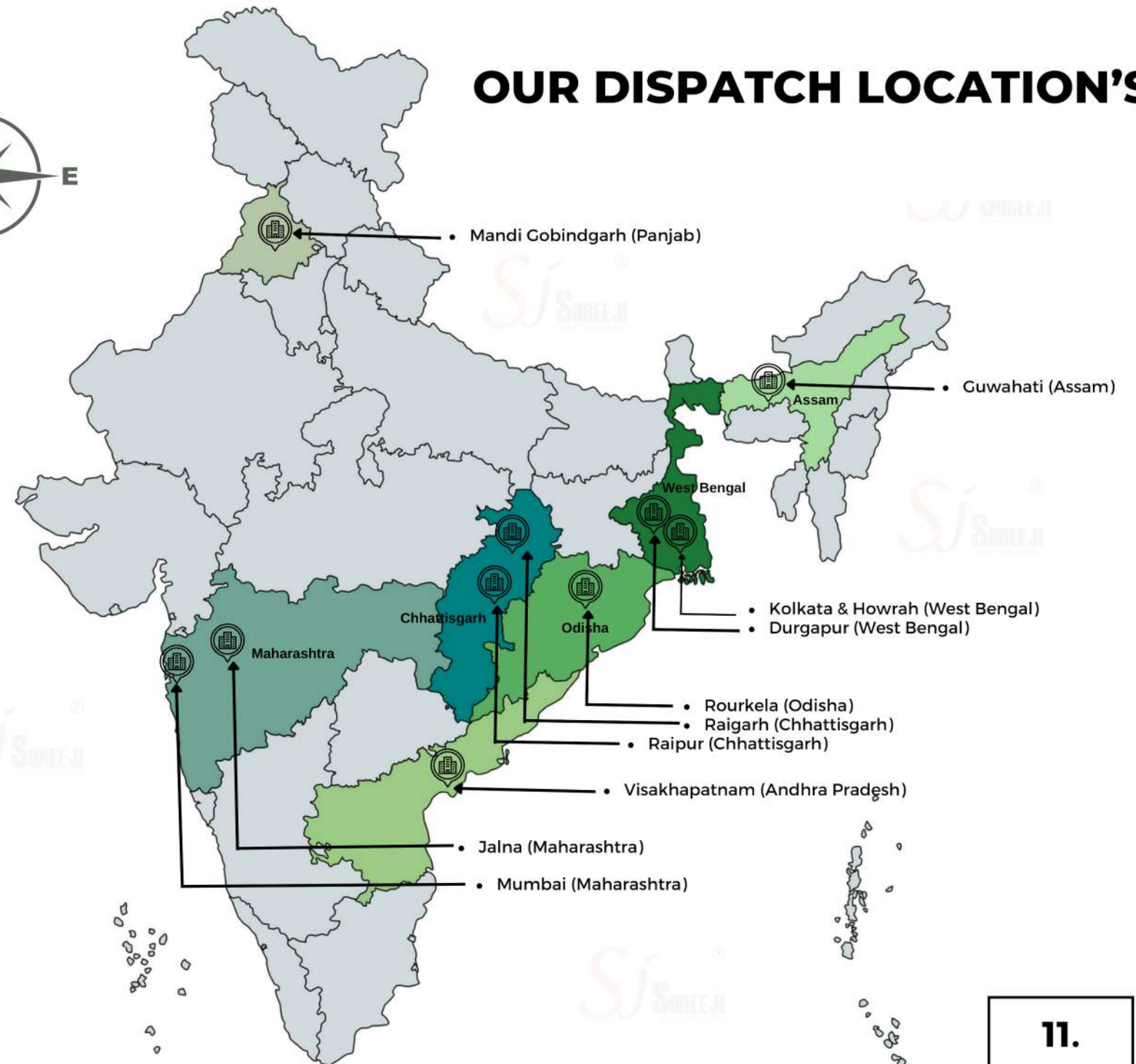
NPB BEAM MECHANICAL PROPERTIES: (IN % MAXVALUES)

Grade Designation	Quality	Tensile Strength Rm Min MPa	Yield	Stress MPa		Percentage Elongation A , at Gauge Length , L = 5.65 VS Min	Min	Internal Bend	Charpy Impact Test	
				≤20	20-40				> 40	< 25
E - 250	A	410	250	240	230	23	2t	3t	-	-
	BR								RT	27
	BO								0	27
	c								(-) 20	27
E - 350	A	490	350	330	320	22	2t	.	-	-
	BR								RT	27
	BO								0	27
	C								(-) 20	27





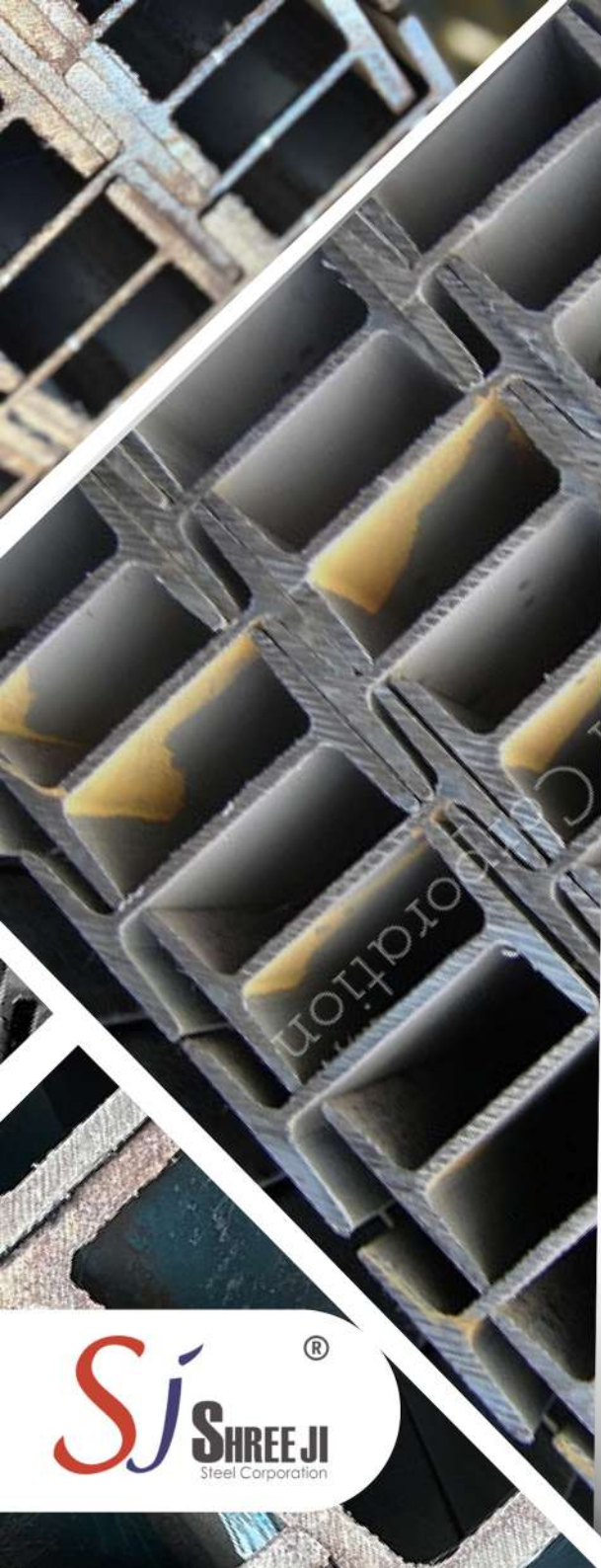
OUR DISPATCH LOCATION'S



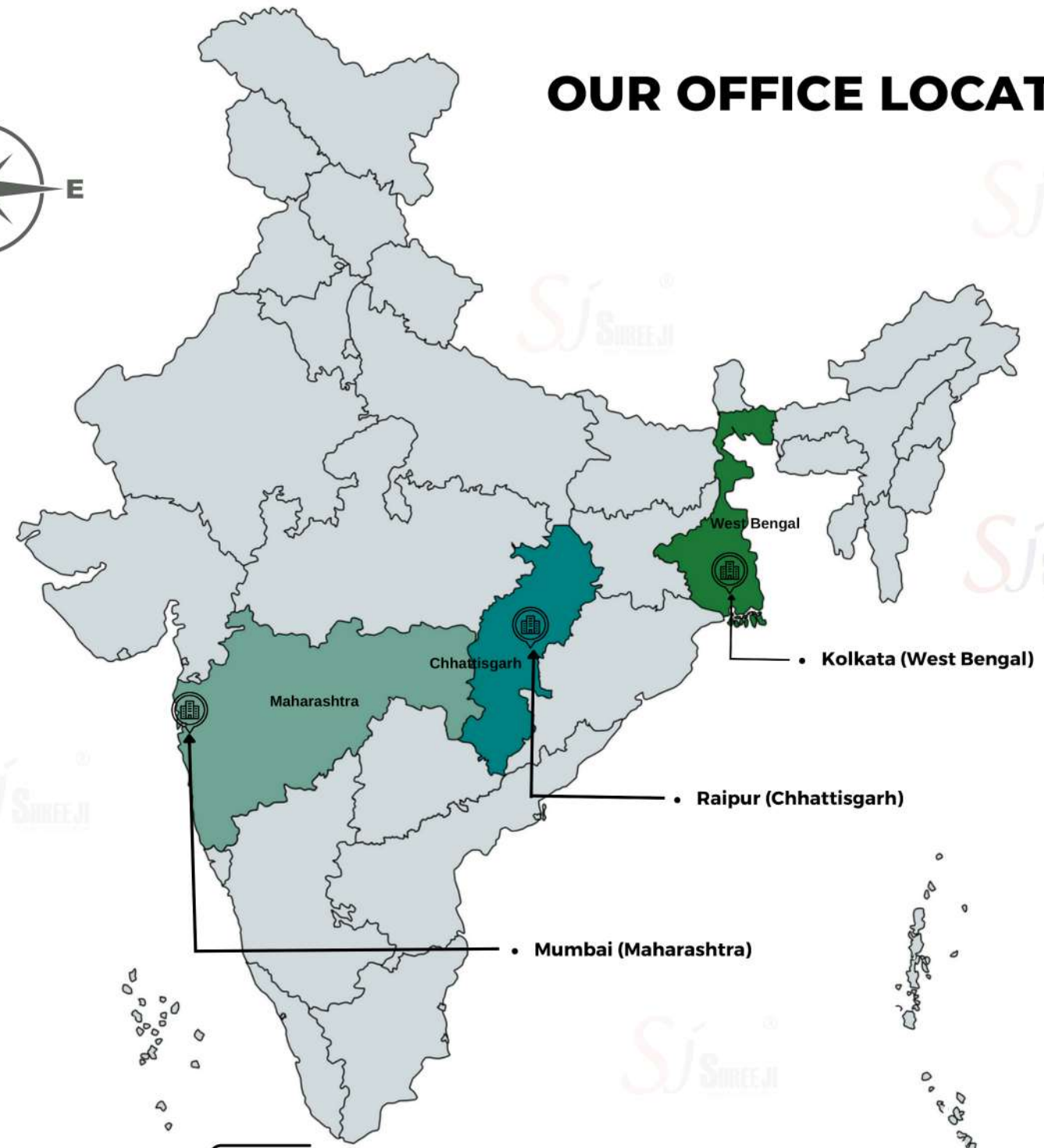
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OUR OFFICE LOCATED IN



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For More Details Click here

