

**RAW MATERIAL REQUIREMENT FOR 25 TON. AXLE LOADING STD. 9x45.7 M. SPAN  
WELDED THROUGH TYPE GIRDER BR. NO. 63D GADAG-HOTGI DOUBLING PROJECT**

**Plates (IS 2062:2011 E250 GR.B0)**

SL NO.	Thickness (MM)	Width (MM)	Length (MM)	No. Reqd.	Total Weight (MT.)	Material Specification
1	8	1500	6300	11	6.528	<p align="center"><b>Plates conforming to IS:2062-2011 E-250 Quality.-B0, Trimed, Fully killed &amp; Normalised/controled cooled. Plates less than 12mm thk. Need not be Normalised/controled cooled. Charpy V Notch impact at 0° C Temperature 100% UST to ASTM-A435/IS:4225 on plates 12mm thk and above.</b></p>
2	10	1500	12100	198	282.105	
3	12	2850	12200	36	117.912	
4	12	2750	9100	27	63.649	
5	12	2850	7000	18	33.827	
6	16	2500	12200	9	34.477	
7	16	1800	11900	18	48.426	
8	16	2200	9500	18	47.251	
9	16	1650	9000	18	33.573	
10	16	2050	11950	36	110.768	
11	20	2550	11900	18	85.755	
12	20	2600	9100	13	48.290	
13	20	2300	11750	29	123.045	
14	20	2850	9500	14	59.511	
15	25	2500	11900	9	52.546	
16	25	2750	9500	14	71.778	
					<b>1219.441</b>	

**Sections (IS 2062:2011 E250 GR.B0)**

1	ISA 75X75X10	10000	189	20.79	<p align="center"><b>Section conforming to IS:2062-2011 E-250 Quality.-B0 Killed/Semi Killed Unnormalised</b></p>	
2	ISA 100X100X10	10000	265	39.485		
3	ISA 130X130X10	10000	9	1.773		
4	ISA 150X150X12	10000	55	15.015		
5	ISA 200X200X12	10000	5	1.845		
6	ISMC400X100	10000	31	15.531		
				<b>94.439</b>		
<b>Total Quantity =</b>					<b>1,313.88</b>	