

**THE BRAITHWAITE BURN & JESSOP CONSTRUCTION CO. LTD., KOLKATA
(A GOVT. OF INDIA ENTERPRISE)**

Material Order List / Technical Specification

**PROJECT: 9X45.7 M span welded girder for Secondary structures and
Gangway Chequered plate of Br. No. 63D Gadag-Hotgi doubling project,
Karnataka.**

SI No.	Thick ness (MM)	Width (MM)	Length (MM)	Nos	Total in Wt (MT)
STRUCTURAL CHQD. PLATE CONFORMING AS PER IS: 3502					
A1	8 O/P	1250	6300	102	51.705
					51.705
STRUCTURAL STEEL PLATE CONFORMING TO E250 GRADE A AS PER IS: 2062-2011,					
B1	10	2000	9000	6	8.478
					8.478
STRUCTURAL PIPES TO BE USED AS PER IS: 1161: 1998 STRUCTURAL SQ. TUBE TO BE USED AS PER IS: 4923: 1997					
SI No.	Size of Pipe (mm)			Nos	Total in Wt (MT)
C1	48.3Ø OD - 6000 Lg {40NB(M)}			60	1.337
C2	33.7Ø OD - 6000 Lg {25NB(M)}			324	4.685
C3	60.3Ø OD - 6000 Lg {50NB(M)}			54	1.630
C4	SQ. Tube 50X50X4 - 6000 Lg			102	3.641
					11.293
STRUCTURAL STEEL SECTION CONFORMING TO E250 GRADE A AS PER IS: 2062-2011,					
SI No.	Size of Sections (mm)			Nos	Total in Wt (MT)
D1	ISA 50X50X6X10000Lg.			60	2.700
D2	ISA 65X65X8X10000Lg.			3	0.231
D3	ISA 75X75X8X12000Lg.			81	8.651
D4	ISA 100X100X10X9000Lg.			11	1.475
D5	ISA 150X150X16X9000Lg.			4	1.289
D6	ISMB 150X75 - 10000 Lg.			69	10.350
D7	ISMB 250X125 - 10000 Lg.			7	2.611
D8	ISMC 100X50X7000 Lg.			34	2.275
D9	ISMC 125X65X12000 Lg.			101	15.877
					45.459
Total Raw Steel					116.935