

BILL OF MATERIAL

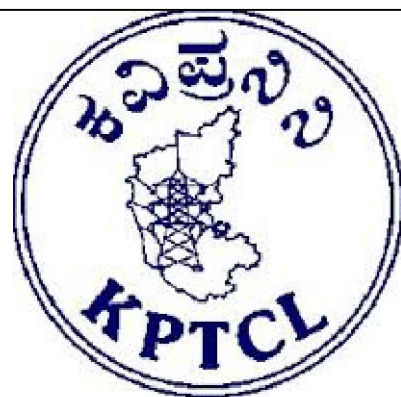
SI NO.	SECTION DESCRIPTION	LENGTH	QTY	TOTAL WT
ISO-1	ISMC-100X50	5700	2	108.984
#2	L 45X45X5	1140	3	11.628
#3B	ISMC-150X75	4005	2	134.568
#3	ISMC-150X75	4005	2	134.568
#3A	ISMC-150X75	4005	2	134.568
#4A	L 45X45X5	1806	12	73.685
#4	L 45X45X5	1806	12	73.685
#5	L 65X65X6	1320	4	30.624
#6	L 75X75X6	645	2	8.772
#6X	L 75X75X6	645	2	8.772
#7	L 75X75X6	240	2	3.264
#7X	L 75X75X6	240	2	3.264
TOTAL WEIGHT (in Kg)				726.382

LIST OF BOLTS & NUTS

DESCRIPTION OF BOLT	QTY	Unit Wt.	Weight
M16 BOLT X 40 mm LG	80	0.132	10.56
M16 BOLT X 45 mm LG	98	0.140	13.72
3.5 TH.SP. WASHER FOR 16mm BOLT	178	0.009	1.602
TOTAL WEIGHT		25.88	

- NOTES:
- ALL DIMENSIONS ARE IN MM.
 - ALL HOLES ARE 17.5MM DIA. FOR 16MM DIA. BOLTS.
 - ALL STEEL SECTIONS SHALL CONFORM TO IS: 2062.
 - ALL STEEL SECTIONS, BOLTS, NUTS & PACK WASHERS ARE TO BE HOT DIP GALVANIZED.
 - ALL BOLTS SHALL CONFORM TO IS: 12427(2001), WITH MECHANICAL PROPERTIES CLASS 5.6 AND NUTS SHALL CONFORM TO IS: 1367(PART-VI) OF PROPERTIES CLASS-5.
 - DIMENSIONAL AND WEIGHT TOLERANCE $\pm 10\%$.
 - THE HEIGHT OF STRUCTURE SHALL BE ADJUSTED TO MATCH WITH LIVE POINT HEIGHT (LPH) AS PER APPROVED SECTIONAL DRAWING.
 - THE EQUIPMENT MOUNTING DETAILS SHALL BE MATCHED WITH APPROVED EQUIPMENT DRAWINGS.

EQUIPMENT MOUNTING STRUCTURE FOR
110KV ISOLATOR (LPH = 4600mm)
(FOR 110/11KV SUBSTATIONS ONLY)



KPTCL/P&C/TECH/110KV/ISO(4.60)	AEE	EE	SEE	CEE
	DRAWING NO.	DRAWN/CHECKED	SUBMITTED	RECEIVED
APPROVED				

Approval Ltr No.: CEE/P&C/SET/EE(TL)/AEE-9/2021-22/10039-49 Dtd:05.10.2021