


- NOTES:
- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
 - 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
 - 3 ALL STEEL TO BE GRADE S355JR/350WA (EXCEPT ANGLES $\leq 45\text{mm}$ TO BE MILD STEEL).
 - 4 BOLTS, NUTS & WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
 - 5 NO SECTIONS TO BE BUTT WELDED.
 - 6 ALL STEELWORK TO BE FABRICATED, ERECTED AND LEVELED TO A TOLERANCE OF $\pm 1.5\text{mm}$.
 - 7 ALL TEXT REQUIREMENTS SHALL CONFORM TO D-DT-5047 SET 5 SHT 2 LATEST REVISION.
 - 8 ALL HOLES TO BE 4mm DIAMETER UNLESS OTHERWISE STATED.
 - 9 $\phi 4\text{mm}$ HOLES TO BE DRILLED FOR $\phi 4\text{mm}$ X 100mm LONG ALUMINIUM RIVETS.
 - 10 MANUFACTURER NAME / LOGO BATCH DATE OF MANUFACTURING TO BE INSERTED ON THE AREA MARKED WITH *.
 - 11 LABELS TO BE IN ACCORDANCE WITH DSP 34-254 (ESKOM STANDARD FOR MANUFACTURING SPECIFICATION FOR DISTRIBUTION EQUIPMENT LABELS).

BOLT SCHEDULE PER LABEL								
BOLT SIZE mm	MILD STEEL GRADE	PITCH mm	LENGTH mm	NO OF BOLTS	NO OF NUTS	NO OF WASHER	TORQUE Nm	TOTAL MASS kg
M12	4.8	3	35	2	2	4	-	0.14
MASS OF BOLTS, NUTS AND WASHERS								0.14

STEEL STRUCTURE AND MASS					
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS kg
LB1 1	1	MILD STEEL FLAT PLATE 245 x 1.6	600	0.6	1.85
LB1 2	2	MILD STEEL FLAT BAR 20 x 5	980	1.96	1.54
LB1 3	4	MILD STEEL FLAT BAR 20 x 5	13	0.05	0.04
TOTAL MASS					3.43

				DRG NO.	SHEET NO.	REFERENCE DRAWINGS
						/ /
0	FIRST ISSUE					
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

 Eskom		ELECTRICAL EQUIPMENT LABEL LABEL 600 x 245			
AUTH: N WEBBER					
DATE: 12/07/2016					
CHKD: NS HLOMENDLINI					
DATE: 12/07/2016		D-EC-2199	SET	SHEET	REVISION
DRAWN: BM HLOMENDLINI				1	0
DATE: 01/07/2016					