



**NOTES**

1. MATERIAL
  - INSULATOR TO BE PORCELAIN MUNSELL GREY GLAZED TO COMPLY WITH AS 2947
  - METAL FITTINGS SHALL BE MALLEABLE CAST IRON OR OTHER SUITABLE MATERIAL HAVING SUCH PROPERTIES WHICH COMPLY WITH THE APPROPRIATE SUITABLE STANDARD. METAL FITTINGS TO BE HOT DIPPED GALVANIZED.
2. INSTALLATION LOCATION - OUTDOOR
3. INSULATOR SHALL CONFORM AND BE TESTED IN ACCORDANCE WITH AS 2947
4. MINIMUM MECHANICAL STRENGTH - 10kN BENDING
5. EACH INSULATOR TO BE MARKED WITH THE NAME OF MANUFACTURER MONTH AND YEAR OF MANUFACTURE
6. MAXIMUM SYSTEM VOLTAGE -24kV (RMS)
7. MINIMUM IMPULSE WITHSTAND -150kV (PEAK)
8. MINIMUM WET WITHSTAND AT P.F. -50kV (RMS)
9. MINIMUM CREEPAGE DISTANCE (A-B) - 430mm

**ITEM 1 - 22kV STATION POST INSULATOR**  
(ITEM NUMBER 189167)

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	CHANGED TITLE & OBSOLETE	A.N.	JUL '21	C.C.C.	B.V.
3	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	DEC '18	C.C.	C.C.
2	REDRAW IN CAD	C.C	JAN '11	A.T.	S.C.
1	REFERENCE TO AS2947 ADDED	GMCK	APR. 91	-	N.S.
<b>AMENDMENTS</b>					



DES	A.TAYLOR	POWER STANDARD DRAWING		
DRN	C.COPPINS	<b>INSULATOR - PORCELAIN STATION POST 22kV</b>		
CKD	A.TAYLOR			
APPD	A.TAYLOR			
SCALE	N.T.S.			
ISSUED	JAN 11	<b>A3</b>	<b>DRAWING NUMBER</b>	<b>S01-01-03-08</b>
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		<b>4</b> AMDT