



CLAMP SCHEDULE			
ITEM	CODE	DESCRIPTION	SIZE (mm)
1	EPC-A	CLAMP PALM-TYPE	PALM - 26,5,50X50mm
2	EX-D	CLAMP CROSS (BOLTED - BOLTED)	26,5 - 38
3	ETC-K	CLAMP (BOLTED - COMPRESSION)	38,3 - 38,3
4	EXC-C	CLAMP (BOLTED - COMPRESSION)	38,3 - 38
5	TBST - 120/38	CLAMP BUS STUD	120/38
6	D-DT-4782	132 kV STRAIN ASSEMBLY CENTIPEDE	-
7	D-DT 4783 -5	66kV SUSPENSION STRING ASSEMBLY (BULL CONDUCTOR)	-
8	EX-A	CLAMP CROSS	16,3 - 26
9	TBS1 - 120/26	CLAMP BUS STUD	120/26
10	TBEC/P - 120	CLAMP TBEC/PLAIN	TBEC/P - 120
11	TBEC/C - 120	CLAMP TBEC/CONDUCTOR	TBEC/C - 120
12	TBFX - 120/127	CLAMP SLIDER TYPE F/BUS SUP	120/127
13	TBFS - 120/127	CLAMP FIXED BUS SUP	120/127
14	EXC-B	CLAMP B/COMP	38 - 26,5
16	EX-E	CLAMP CROSS	38,3 - 38
18	TBTO-120	BUS PALM TAP OFF	TBTO-120
19	KCP - 26/127	CLAMP FIXED CONDUCTOR SUPPORT	26/127
20	ETC-0	CLAMP (BOLTED - COMPRESSION)	38,3 - 16,3
22	TUBE	TUBE AL 120mm OD x 4mm W THK	120 OD x 4 W THK
24	EX-C	CLAMP CROSS	16,3 - 38
25	ACC-3	ACRYLIC CLAMP COVER	
26	TBST - 120/26	CLAMP BUS STUD	120/26
27	EX-B	CLAMP CROSS	26,5 - 26
28	HORNET	HORNET LUG	
29	TBCT-120	CLAMP BUS TAP OFF	1X38,3mm - PALM
30	D-DT 4783	66kV STRAIN ASSEMBLY C/W PISTOL GRIP (BULL CONDUCTOR)	-
31	D-DT 4782	132kV STRAIN ASSEMBLY C/W PISTOL GRIP BULL	-
32	ETC-J	CLAMP (BOLTED - COMPRESSION)	38,3 - 38,3
33	ETC-I	CLAMP (BOLTED - COMPRESSION)	38,3 - 26,5
34	ETC-C	CLAMP (BOLTED - COMPRESSION)	26,5 - 26,5
35	D-DT 7000	CLAMP, C/End Assy WOLF 1813 ACSR D7000	
36	EPC-D	CLAMP PALM-TYPE	PALM - 38,3,50x50mm
37	KCP - 38/127	CLAMP FIXED CONDUCTOR SUPPORT	38/127
38	D-DT 6230	132kV POST INSULATOR	-
39	EPC-A	CLAMP PALM-TYPE(UNDRIILLED)	PALM - 26,5,50X50mm
40	EPC-B	CLAMP PALM-TYPE	PALM - 26,5,50X50mm

NOTES

- ALL SURFACE AREAS OF CONDUCTOR OR CONTACT AREA OF CONNECTION CLAMPS MUST BE TREATED AS DESCRIBED PRIOR TO MAKING A CLAMPED OR CRIMPED CONNECTION.
1. APPLY THIN LAYER OF NON OXID GREASE TO SURFACE AREA.
2. BRUSH NON OXIDE GREASED AREA THOROUGHLY WITH A CLEAN WIRE BRUSH.
3. WIPE SURFACE AREA CLEAN WITH RAG AND IMMEDIATELY APPLY A FRESH LAYER OF NON OXIDE GREASE TO CLEAN SURFACE AREA.
4. FIT CLAMP TO CONNECTOR PRONG OR CONDUCTOR AND TORQUE TO:-
- 4.1 12mm GALVANIZED STEEL BOLTS - 45Nm.
  - 4.2 12mm ALUMINIUM BOLTS - 35Nm.
  - 4.3 10mm GALVANIZED STEEL BOLTS - 26Nm.
  - 4.4 10mm ALUMINIUM BOLTS - 21Nm.
5. 66kV JUMPERS, STRINGERS TO BE CENTIPEDE.
6. 11kV FEEDER JUMPERS TO BE CENTIPEDE.
7. 11kV TRANSFORMER TO BE BULL CONDUCTOR.
8. 11kV BUSBAR TO BE 120mm X 4mm AL TUBES .

SET 11 SHT 11	TRENCH & FENCE LAYOUT
SET 11 SHT 10	TRFR 3 PLINTH DETAILS
SET 11 SHT 9	TRFR 2 PLINTH DETAILS
SET 11 SHT 8	SECTIONS & CLAMPS LAYOUT
SET 11 SHT 7	ELECTRICAL EQUIPMENT LAYOUT
SET 11 SHT 6	STEELWORK LAYOUT
SET 11 SHT 5	FOUNDATION LAYOUT
SET 11 SHT 4	EARTHMAT LAYOUT
SET 11 SHT 3	SITE PLAN
SET 11 SHT 18	STATION ELECTRIC DIAGRAM
SET 11 SHT 1A	STATION ELECTRIC DIAGRAM
DRG NO. REFERENCE DRAWINGS	

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SUBSTATION REFURBISHMENT PROJECT, DRAWING UPDATED

A.G

23/08/2021

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SUBSTATION REFURBISHMENT, TRFR 1 DECOMMISSIONED & 11kV BUSBARS ADDED.

V.L

M.O

B.M

29/06/2017

REV

REVISION DESCRIPTION

BY

CHKD

AUTH

DATE

PROJECT NO.

AUTH: N.M.Webber

DATE: 02/04/99

CHKD: C.Lottering

DATE: 04/03/99

DRAWN: M.Gallant

DATE: 03/08/98

DIMBAZA

66/11kV SUBSTATION

SECTIONS AND CLAMPS

D-EC-862

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