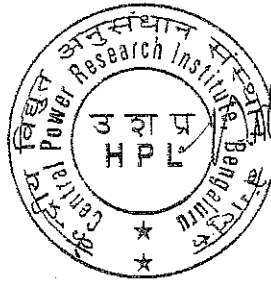


LIST OF DRAWINGS FOR CLAMPS & CONNECTORS.

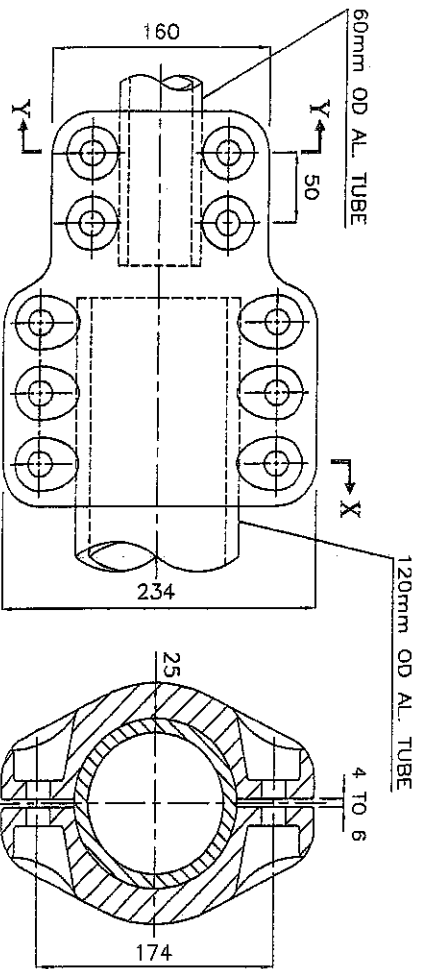
SL. No.	DESCRIPTION	DRAWING No.
1	Inter Connector to suit 120mm OD Al. tube to 60mm OD Al. tube	001
2	Tee Connector to suit 120mm OD Al. tube to 120mm OD Al. tube	002
3	Tee Connector to suit 60mm OD Al. tube to 114mm OD Al. tube	003
4	Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad	004
5	Through type Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad	005
6	Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad	006
7	Terminal Connector to suit 120mm OD Al. tube on Al. Terminal Pad	007
8	Terminal Connector to suit 60mm OD Al. tube on 30 Dia Copper Stud	008
9	Expansion type Connector on BPI to suit 110mm OD Al. tube	009



ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

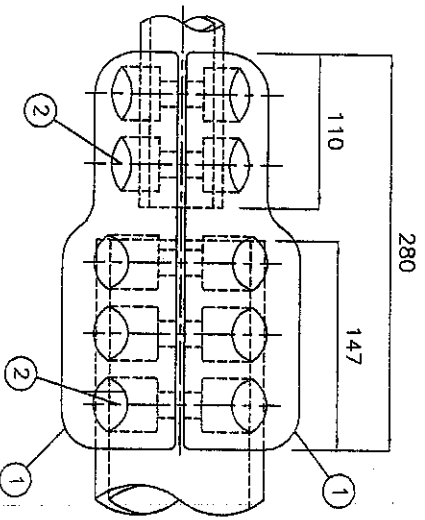
MATERIAL LIST:

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	2
2.	M12X60 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	10



ELEVATION

SECTION-'XX'



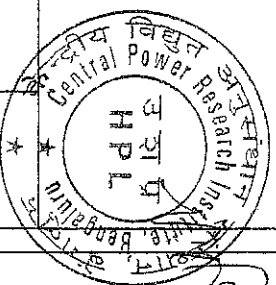
PLAN

SECTION-'YY'

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$; FROM 101 TO 300mm : $\pm 3\%$

INTER CONNECTOR TO SUIT
120mm OD AL. TUBE TO 60mm OD AL. TUBE



REV. DATE

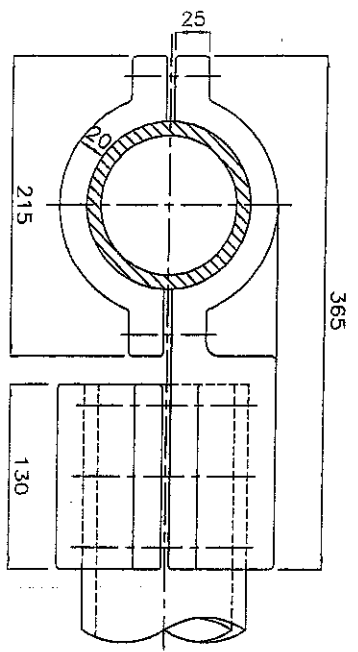
DRAWING NO.:-

001

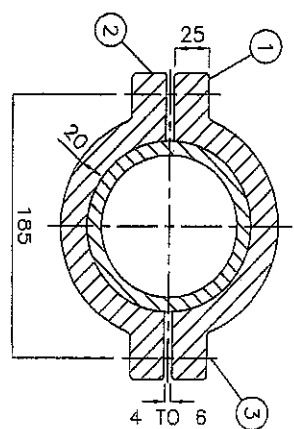
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST.

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	12



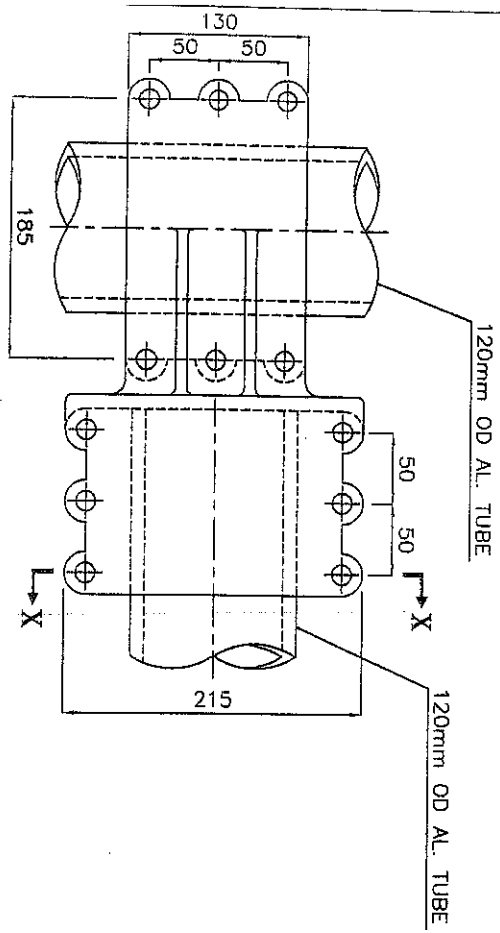
ELEVATION



SECTION-'XX'

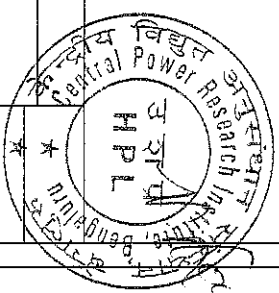
NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS
(MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD.
AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT
SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE)
UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$;
FROM 101 TO 300mm : $\pm 3\%$



PLAN

REV.	DATE	DESCRIPTION	DRAWING NO.:-
		TEE CONNECTOR TO SUIT 120mm OD AL. TUBE TO 120mm OD AL. TUBE	002



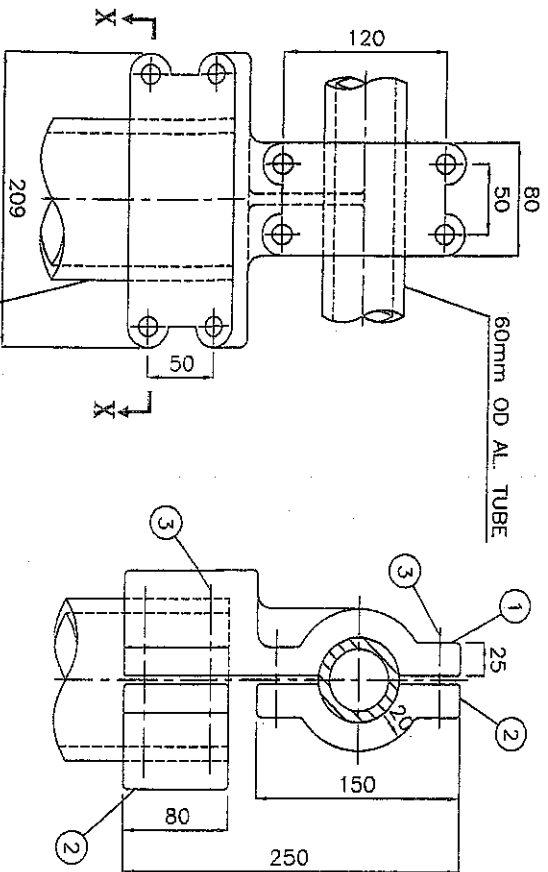
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST:

REF NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	A. ALLOY 4600 (A6) TO IS. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	12

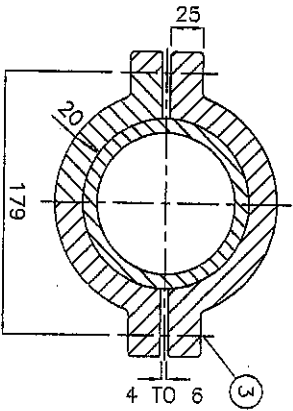
NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1000 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$; FROM 101 TO 300mm : $\pm 3\%$



ELEVATION

END VIEW



SECTION-'XX'

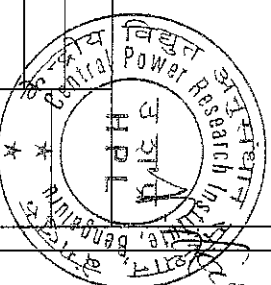
TEE CONNECTOR TO SUIT
60mm OD AL. TUBE TO 114mm OD AL. TUBE

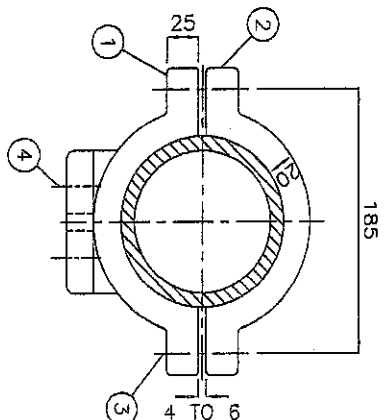
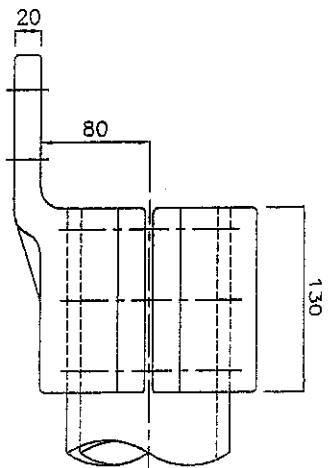
REV.

DATE

DRAWING NO.:-

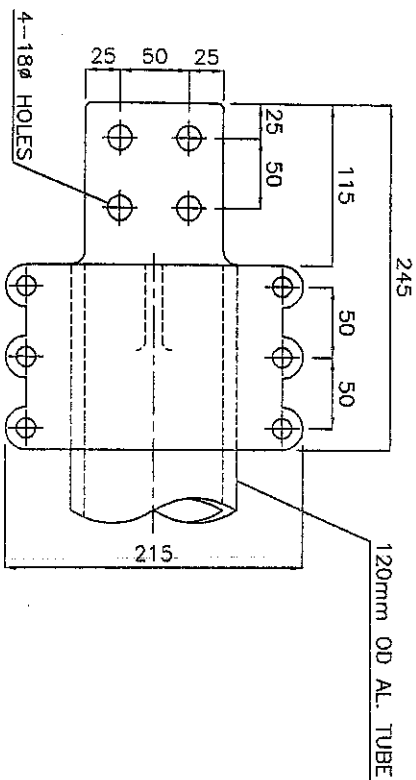
003





ELEVATION

END VIEW



PLAN

MATERIAL LIST:

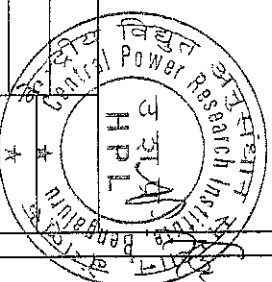
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	6
4.	M16X60 BOLT WITH NUT, PLAIN & SPRING WASHER	-DO-	4

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$; FROM 101 TO 300mm : $\pm 3\%$

TERMINAL CONNECTOR TO SUIT
120mm OD AL. TUBE ON AL. TERMINAL PAD



REV.

DATE

DRAWING NO:-

004

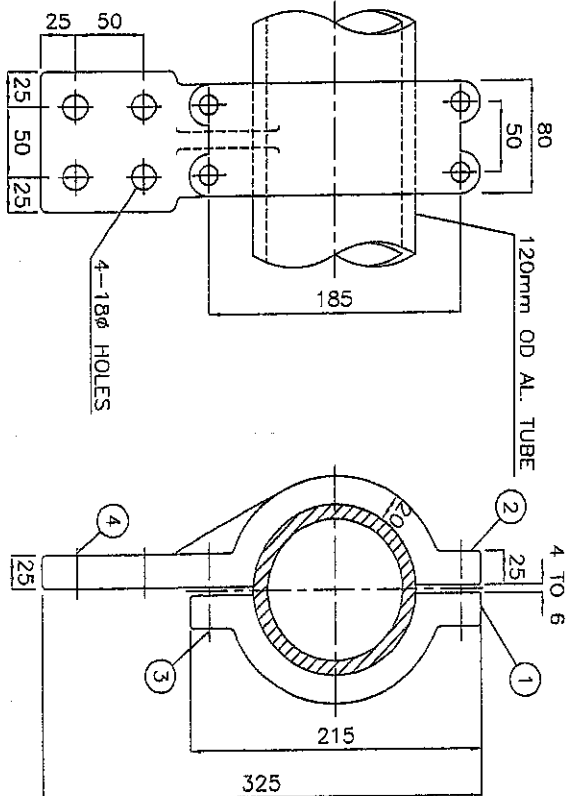
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST:

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS. GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	4
4.	M16X60 BOLT WITH NUT, PLAIN & SPRING WASHER	-DO-	4

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS
(MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD.
AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT
SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE)
UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$;
FROM 101 TO 300mm : $\pm 3\%$



ELEVATION

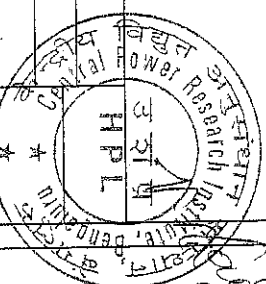
END VIEW

THROUGH TYPE TERMINAL CONNECTOR TO SUIT
120mm OD AL. TUBE ON AL. TERMINAL PAD

REV. DATE

DRAWING NO.-

005



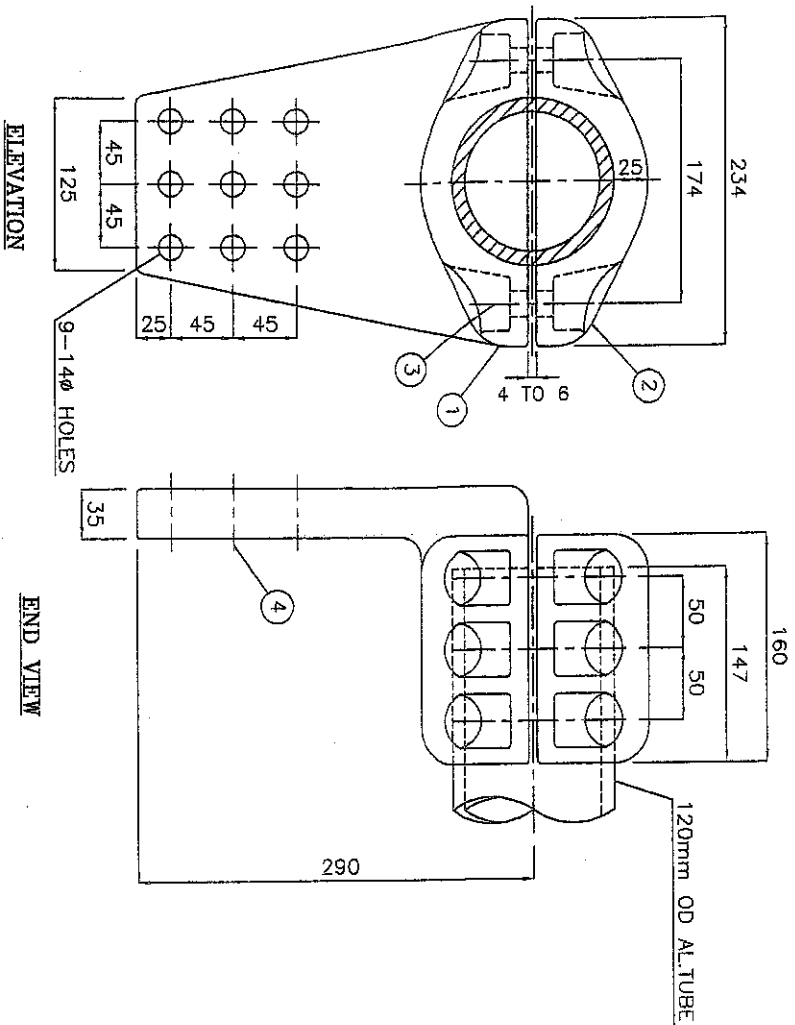
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST:

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X60 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	6
4.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	-DO-	9

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$; FROM 101 TO 300mm : $\pm 3\%$

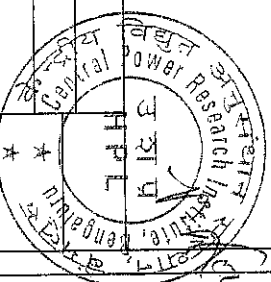


TERMINAL CONNECTOR TO SUIT
120mm OD AL. TUBE ON AL. TERMINAL PAD

REV. DATE

DRAWING NO.:-

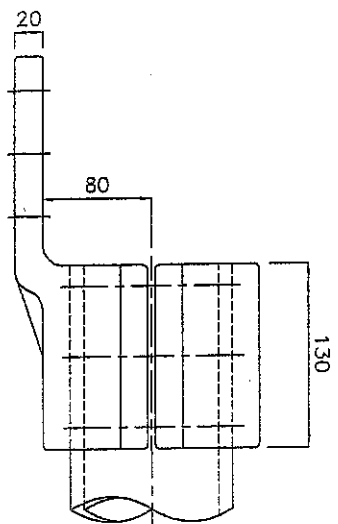
006



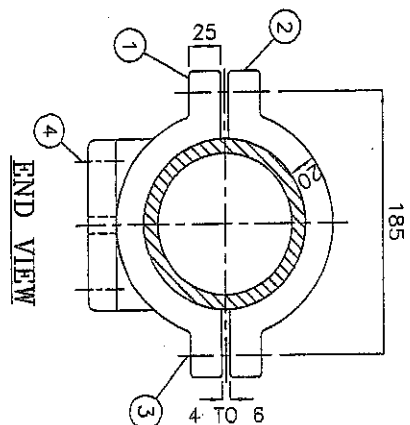
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST:

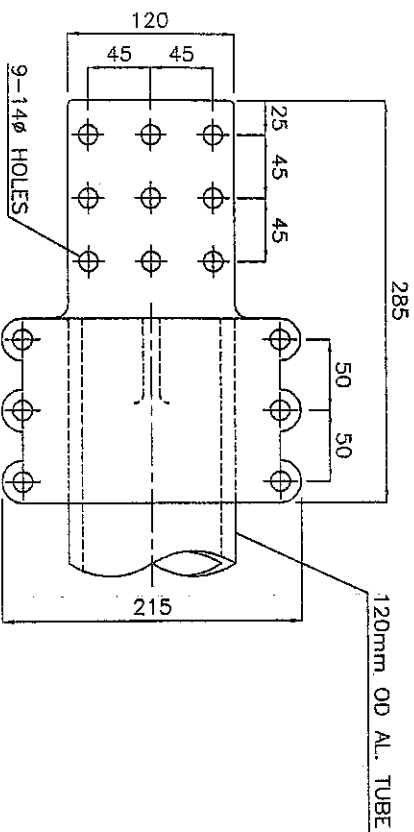
REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X75 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS, GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	6
4.	M12X60 BOLT WITH NUT, PLAIN & SPRING WASHER	-DO-	9



ELEVATION



END VIEW

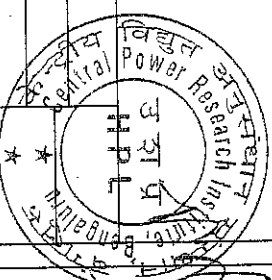


PLAN

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS
(MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD.
AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT
SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE)
UPTO 50mm : $\pm 5\%$; FROM 51 TO 100mm : $\pm 4\%$;
FROM 101 TO 300mm : $\pm 3\%$

TERMINAL CONNECTOR TO SUIT
120mm OD AL. TUBE ON AL. TERMINAL PAD



DRAWING NO:-

007

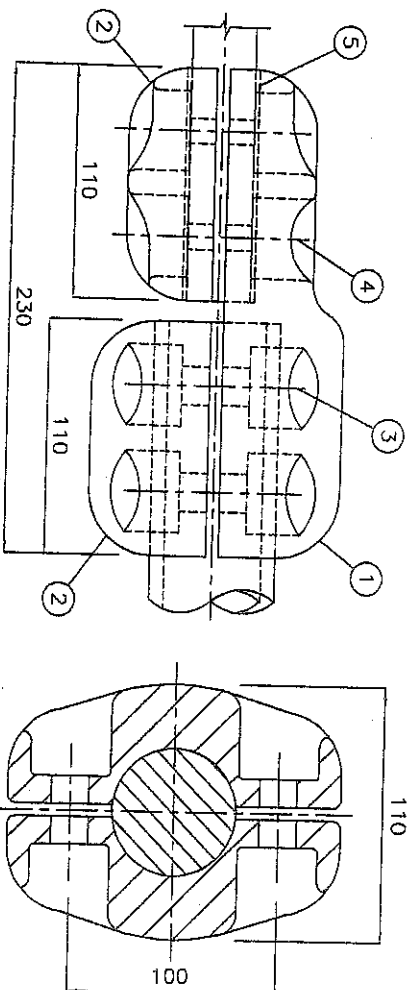
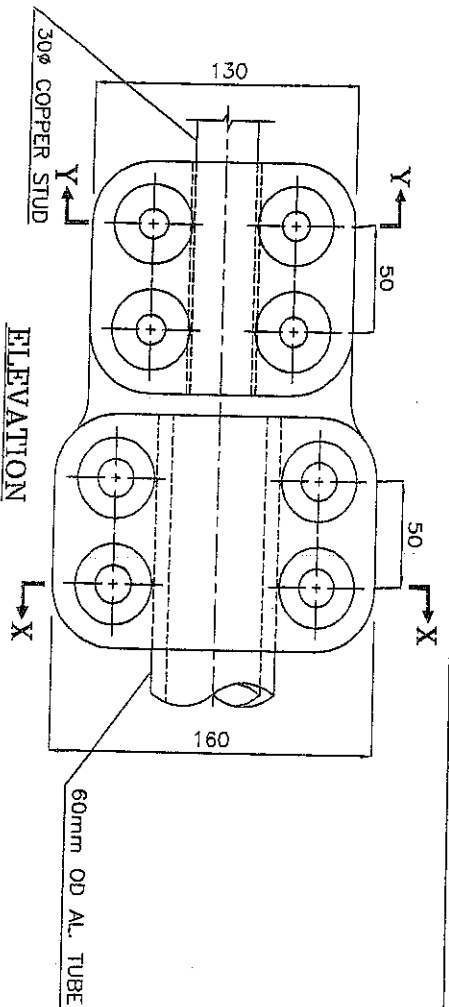
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

MATERIAL LIST:

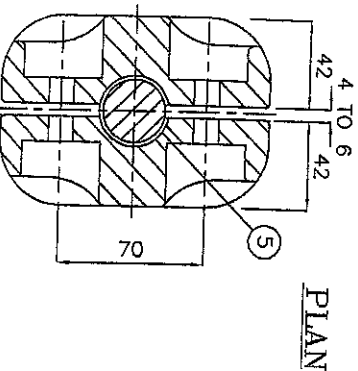
REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CONNECTOR BODY	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	1
2.	CLAMPING PIECE	-DO-	1
3.	M12X60 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS. GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	4
4.	M12X55 BOLT WITH NUT, PLAIN & SPRING WASHER	-DO-	4
5.	30ØX110LgX2 Th.B.M.SLEEVE	ALUMINIUM-COPPER	1

NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1000 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT
9. BOLT TIGHTENING TORQUE : 555 Kg.cm
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : ±5% ; FROM 51 TO 100mm : ±4% ; FROM 101 TO 300mm : ±3%



SECTION - 'XX'



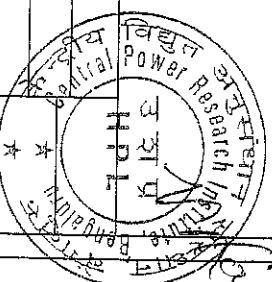
SECTION - 'YY'

TERMINAL CONNECTOR TO SUIT

60mm OD AL. TUBE ON 30Ø COPPER STUD

DRAWING NO:-

008



Signature

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED

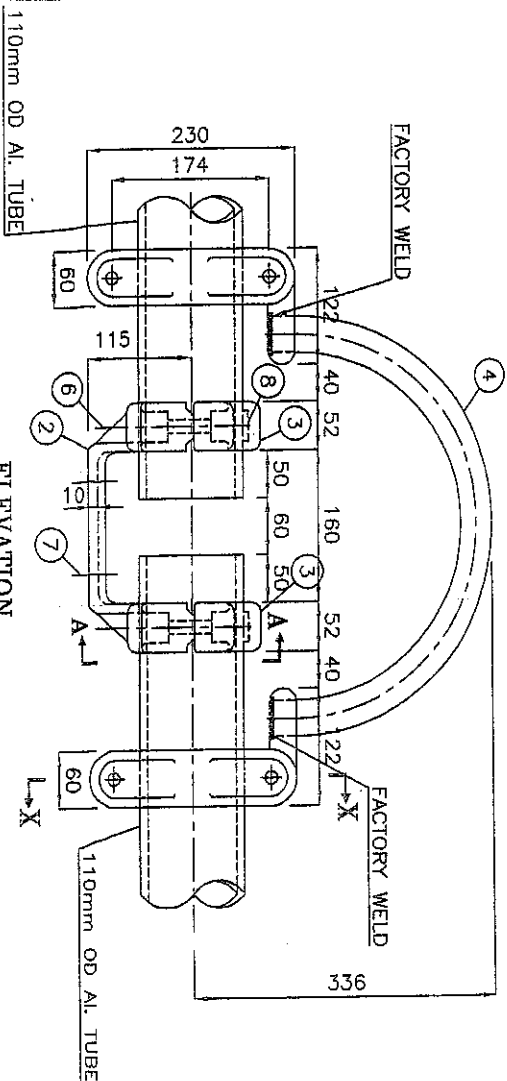
MATERIAL LIST:

REF. NO.	DESCRIPTION	MATERIAL	QTY
1.	CLAMP ON BUSBAR	AL. ALLOY 4600 (A6) TO I.S. : 617-1994	2 SETS
2.	SUPPORT ON BPI	-DO-	1
3.	CLAMPING PIECE	-DO-	2
4.	FLEXIBLE CONDUCTORS 'TARANTULA' (37/5.23mm)	ALUMINIUM	2
5.	M12X50 BOLT WITH NUT, PLAIN & SPRING WASHER	BOLT, NUT (HTS. GRADE 8.8) & PW & SW - M.S. ELECTRO PLATED	4
6.	M12X65 BOLT WITH NUT PLAIN & SPRING WASHER	-DO-	4
7.	M16X35 BOLT, PLAIN & SPRING WASHER	-DO-	4
8.	ANTICHAattering SPRING	M.S. ELECTRO GALVD.	2

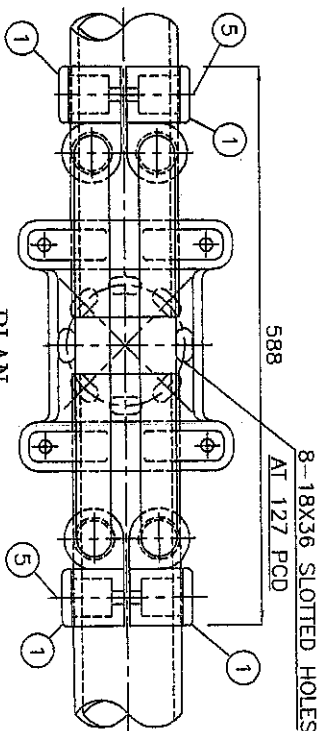
NOTES:-

1. REF. STANDARD : IS : 5561-1970
2. MAX. SYSTEM VOLTAGE : 36 KV
3. CONTINUOUS RATING : 1250 AMPS (MAX. TEMP RISE : 35°C OVER 50°C AMBIENT)
4. SHORT TIME RATING : 63 KA FOR 1 SEC.
5. ALL SHARP CORNERS SHALL BE SMOOTHLY ROUNDED OFF.
6. MIN. THICKNESS OF CURRENT CARRYING PARTS : 10mm
7. BOLTS,NUTS&PLAIN WASHERS SHALL BE M.S.HOT DIP GALVD. AS PER IS:2629 AND TESTED AS PER IS:2633.
8. SPRING WASHER SHALL BE ELECTRO GALVANISED TO SUIT SERVICE CONDITION-3 OF IS:1573.
9. BOLT TIGHTENING TORQUE : 555 Kg.cm FOR M12 : 762 Kg.cm FOR M16
10. MANUFACTURING TOLERANCES : (UNLESS SPECIFIED OTHERWISE) UPTO 50mm : ±5% ; FROM 51 TO 100mm : ±4% ; FROM 101 TO 300mm : ±3%

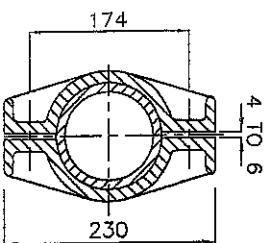
ELEVATION



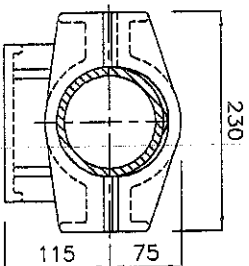
PLAN



SECTION - 'XX'



VIEW - 'AA'



EXPANSION TYPE CONNECTOR ON BPI

TO SUIT 110mm OD AL. TUBE

DRAWING NO.-

009

