

## NOTES

- ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE NOTED.
- "A" IS EQUAL TO 37mm. FOR UPPER BAKELITE STRIP AND 40mm. FOR LOWER.
- AFTER ASSEMBLY OF TEST BOX TO MOUNTING PIPE AND PRIOR TO INSTALLATION ALL STEEL PARTS SHALL BE PAINTED WITH THE FOLLOWING PROCEDURE:  
 A) SURFACE PREPARATION TO Sa 2 1/2  
 B) ONE RED LEAD PRIMER (70 MICRONS) TO IPS - M - TP - 115  
 C) ONE INTERMEDIATE COAT OF ALKYD PAINT (100 MICRONS) TO IPS - M - TP - 130.  
 D) ONE FINISHING COAT OF ALKYD GLOSSY YELLOW COLOR PAINT (100 MICRONS) TO IPS - M - TP - 130, COLOR TO BS 381C, No. 309. (TOTAL THICKNESS OF PAINTING 270 MICRONS AT LEAST).
- ALTERNATIVE INTERNAL FITTINGS MAY BE SUPPLIED, SUBJECT TO APPROVAL.
- THE PIPE SUPPORT SHALL NOT BE SUPPLIED BY THE BOX MANUFACTURER.
- THIS TEST BOX IS TO BE USED MAINLY AS POSITIVE BOND BOX FOR DEEPWELL GROUND BEDS.

ITEM	MATERIALS	QTY.	SPECIFICATION
1	BOX	1	GALVANIZED STEEL
2	COVER	1	GALVANIZED STEEL
3	BOTTOM PLATE 300x130x5mm.	1	MILD STEEL
4	NEOPRENE GASKET	1	
5	BAKELITE STRIP	2	AS PER NOTE 2
6	COPPER STRIP	1	300x30x3mm.
7	M8x60 BOLT WITH WASHERS AND NUT	4	GALVANIZED
8	SPRING WASHER	20	
9	M8x30 BOLT WITH WASHERS AND NUT	16	BRASS
10	WING NUT	16	BRASS
11	M8x30 BOLT WITH WASHERS AND NUT	4	
12	COPPER LINK	8	120x20x2mm.

REV	DESCRIPTION	DATE
A		

IRANIAN PETROLEUM STANDARDS 

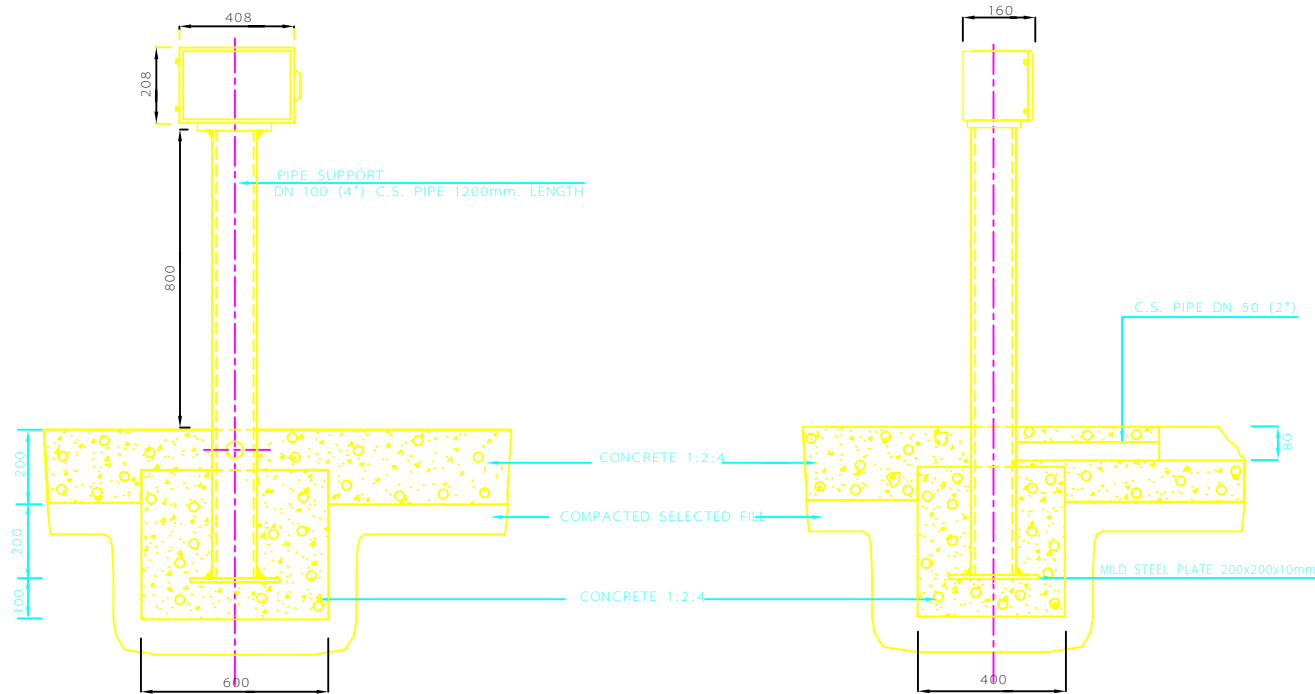
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### CATHODIC PROTECTION SYSTEM TEST BOX (TYPE 2) DETAILS AND INSTALLATION

DATE	DRAWING No.	SHEET	REV.
	IPS - D - TP - 702	1/2	


## NOTES

- 1- CABLE IDENTIFICATION TAGS ARE TO BE FITTED TO CABLES BEFORE CRIMPLING ON LUG.
- 2- BRASS PADLOCK FOR BOX IS TO BE IDENTICAL TO THE PADLOCK USED ON THE TRANSFORMER/RECTIFIER.
- 3- ALL BURIED PARTS SHALL BE COATED WITH MASTIC (3mm.) TO IPS-M-TP-105



FRONT VIEW

SIDE VIEW

A	DESCRIPTION	DATE
REV		
IRANIAN PETROLEUM STANDARDS 		
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CATHODIC PROTECTION SYSTEM TEST BOX (TYPE 2) DETAILS AND INSTALLATION		
DATE	DRAWING No.	SHEET REV.
	IPS - D - TP - 702	2 / 2