

1-ALL THICKNESS VALUES AND DIMENSIONS ARE IN mm.

2-SYMBOL  DENOTES "FIELD WELD".

SYMBOL  DENOTES "SHOP WELD".

3-THE THICKNESS "X" (WELD LEG) SHALL BE AS FOLLOWS:

$t \leq 6$ $X=t$

$t > 6$ $X=6$

WHERE "t" IS THE PLATE OR SECTION THICKNESS.

4-UNLESS OTHERWISE SPECIFIED ON DRAWINGS, ALL PIECES DIRECTLY WELDED TO PIPING SHALL BE THE SAME MATERIAL AS OF PIPE.

5-WELDING OPERATIONS SHALL BE DONE IN ACCORDANCE WITH RELATED WELDING PROJECT SPECIFICATIONS.

6-ALL THREADS SHALL COMPLY WITH THE REQUIREMENTS OF ANSI B1.20.1.

7-DIMENSIONS OF NUTS & LOCK NUTS SHALL BE IN ACCORDANCE WITH ANSI B18.2.2.

8-FOR LOADS OTHER THAN THOSE LISTED IN THE TABLES, MORE CALCULATINOS SHALL BE PERFORMED IN ORDER TO SPECIFY THE SIZES OF STRUCTURAL SECTIONS.

9-IN CASE WHEN THE SUPPORT IS ATTACHED TO THE EXISTING STRUCTURE, THE EXISTING STRUCTURE SHOULD BE CHECKED FOR THE APPLIED LOADS.

10-THE STRENGTH OF MATERIALS USED IN THE CONSTRUCTION OF SUPPORTS MUST COMPLY WITH THE IPS-E-PI-240.

11-THE MATERIAL USED FOR FABRICATION OF SUPPORTS MUST BE AS PER NOTES ON EACH STANDARD SUPPORT DRAWING SHEET. EQUIVALENT MATERIALS MAY BE USED SUBJECT TO ENGINEER'S APPROVAL.

12-IN CASE OF SUPPORTS RESTING ON OR ANCHORED TO THE PAVING, THE PAVING MUST BE CHECKED FOR THE APPLIED FORCES AND MOMENTS.

13-IF IT IS NECESSARY THAT THE WELD BETWEEN A PIPE AND SADDLE MUST UNDERGO HEAT TREATMENT AND IF SUPPORT ERECTION STANDARDS LAY DOWN THAT THE SADDLE SHOULD BE WELDED TO THE REST OF THE SUPPORT AT THE PREASSEMBLY STAGE, THE LATTER MUST BE IGNORED AND THE SUPPORT MUST BE WELDED TO THE PLATE AFTER HEAT TREATMENT.

14-SUPPORTS RESTING ON OR ANCHORED TO THE PAVING OR TO PREFABRICATED BASE PLATES SHALL BE ADJUSTED USING A MAXIMUM GROUT THICKNESS OF 25mm.

15-ALL BOLTS SHALL BE OF MACHINE TYPE.

16-DIMENSIONS OF STRUCTURAL STEEL SECTIONS ARE BASED ON DIN STANDARDS.

17-THE EFFECT OF SUPPORT'S LOADS & MOMENTS ON PIPE, SHALL BE EVALUATED BY STRESS ENGINEER.

18-PIPE SUPPORT SYMBOLS ARE AS FOLLOWS:

TYPE OF SUPPORT PIPING ARRANGEMENT DWG. ISOMETRIC DWG.

ANCHOR 



BRACKET 

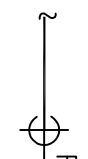


BASE ANCHOR 



DUMMY SUPPORT 




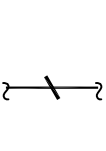
FIELD SUPPORT FOR VERTICAL PIPE NEAR ELBOW 



FIELD SUPPORT FOR VERTICAL ELBOW 




FIELD SUPPORT FOR VERTICAL PIPE FROM STRUCTURE 



GUIDE 



HANGER,HOLD DOWNS, FIELD SUPPORT,SHOES 



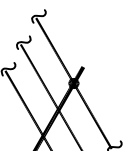
LINE STOP 



LINE STOP & GUIDE 



PICK-UP 



ELEVATED SUPPORT OR T-POST 



19-ALL DIMENSIONS ARE IN MILLIMETER.

DRAWING TITLE:

STANDARD FOR PIPE SUPPORT DRAWING

Contract No.	Document No.	Class	Rev.	Size	Scale	Sheet No.