



ONE-FRAME MARKED AS FR36

MATERIAL LIST FOR ONE ASSEMBLY MKD FR36- 1 NOS.Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(Kg)	TOTAL WT(Kg)
M105	ISMC200	IS2062	5972	1	132.25	132.251
M117	ISMC200	IS2062	5972	1	132.25	132.251
M158	ISMC150	IS2062	2050	3	33.60	100.803
P8	PLT12*78	IS2062	150	3	1.10	3.306
P25	L75*75*8	IS2062	120	3	1.07	3.210
P50	L120X100X12	IS2062	78	3	1.53	4.585
P51	L160X75X10	IS2062	75	7	1.32	9.273
TOTAL FOR ONE ASSEMBLY IN Kg					=	385.680
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BOLT LIST FOR ONE ASSEMBLY						
Type	Size	Length (mm)	Qty			
Gr.8.8	M16	50	3			
Gr.8.8	M20	50	8			

Type	Size	Length (mm)	Qty
Gr.8.8	M16	50	3
Gr.8.8	M20	50	8

NOTES :

1. ALL DIMENSIONS ARE IN MILLIMETERS. ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO IS : 2062 (GRADE 250BR)
3. ALL CONCRETE GRADE SHALL BE M30.
4. FILLET WELD SHALL BE OF MINIMUM 6MM SIZE FOR SHOP WELD AND 8MM FOR SITE WELD UNLESS NOTED OTHERWISE.
5. COLUMNS SHALL HAVE FULL BEARING ON BASE PLATES U.N.O.
6. WORKING POINTS SHALL BE W.R.T. CG LINES FOR WELDED CONSTRUCTION AND W.R.T. GAUGE LINES FOR BOLTED CONSTRUCTION.
7. GRATING THICKNESS TO BE 25 MM.

0	04.02.2025	ISSUED FOR CONSTRUCTION	SKJ	ABH	CS
REV	DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY



CLIENT:
AARTI INDUSTRIES LIMITED.
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PROJECT NO. : PJ-3014			
PROJECT NAME : PIN-084 PROCESS PAD AREA PIPERACK SUPERSTRUCTURE			
DRAWING TITLE : FABRICATION DRAWING OF PIPERACK SHED & STAIRCASE OF PROCESS PAD AREA			
AII PROJECT NO : PIN-084			
SIZE	DWG NO.		SHEET
A1	PIN-084-TPT-PM4-CS11-002-FAB-FR36		1 OF 1
			0

SIZE	DWG NO.	SHEET	REV NO.
A1	PIN-084-TPT-PM4-CS11-002-FAB-FR36	1 OF 1	0