



ONE-FRAME MARKED AS FR8

MATERIAL LIST FOR ONE ASSEMBLY MK'D FR8- 1 NOS.Required						
MARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
CL3	L75X75X8	IS2062	120	2	1.07	2.140
CL4	L75X75X8	IS2062	120	2	1.07	2.140
CL7	L75X75X8	IS2062	120	1	1.07	1.070
M6	ISM C 250	IS2062	4470	1	135.69	135.694
M17	ISM C 150	IS2062	3100	1	50.81	50.811
M53	ISM C 250	IS2062	4470	1	135.69	135.694
TOTAL FOR ONE ASSEMBLY IN Kg					=	327.550
TOTAL FOR 1 ASSEMBLIES IN Kg					=	327.550
				BOLT LIST FOR ONE ASSEMBLY		
				Type	Size	Length (mm)
				Gr.8.8	M16	55
				Gr.8.8	M20	50
				Gr.8.8	M20	55

NOTES :

- L DIMENSIONS ARE IN MILLIMETERS, ELEVATIONS ARE IN METERS
LESS OTHERWISE NOTED.
L STRUCTURAL STEEL SHALL CONFIRM TO IS : 2062 (GRADE 250BR)
L CONCRETE GRADE SHALL BE M30.

LET WELD SHALL BE OF MINIMUM 6MM SIZE FOR SHOP WELD AND 8MM FOR SITE
WELD UNLESS NOTED OTHERWISE.

COLUMNS SHALL HAVE FULL BEARING ON BASE PLATES U.N.O.

WORKING POINTS SHALL BE W.R.T. CG LINES FOR WELDED CONSTRUCTION AND
R.T. GAUGE LINES FOR BOLTED CONSTRUCTION.

RATING THICKNESS TO BE 25 MM

	13.03.2025	ISSUED FOR CONSTRUCTION	SKJ	ABH	CS
	DATE	DESCRIPTION	DRAWN. BY	CHK. BY	APP. BY
	CLIENT: AARTI INDUSTRIES LIMITED. (EMERALD OFFICE) - Block No. 1, 3rd Floor, Keval Corporate Park, Opp. to Channal GEB Sub-station, Chhani, Vadodara - 390002, Gujarat, In Tel : (0260) 2400366, 2400153, 2400059, Website : www.aarti-industries.com				
	CONSULTANT : TECHIN PROCESS TECHNOLOGIES PVT. LTD. Unit No. 402-B, Universal Business Park, Chandivali Farm Road, Chandivali, Andheri-E, Mumbai-400072.				
JECT NO	: PJ-3014				
JECT NAME	: PIN-084 PLANT				
WING TITLE	: FABRICATION DRAWING OF PIPE RACK SUPERSTRUCTURE				
ROJECT NO	: PIN-084				
	DWG NO.			SHEET	REV NO.
	PIN-084-TPT-CM1-CS11-002-FAB-FR8			1 OF 1	0