



ONE-HANDRAIL MARKED AS HR30

MATERIAL LIST FOR ONE ASSEMBLY MK'D HR30- 1 NOS.Required						
ARK	DESCRIPTION	GRADE	LENGTH	QTY.	UNIT WT(KG)	TOTAL WT(KG)
67	PL8*60	IS2062	150	2	0.57	1.130
36	PL10*100	IS2062	820	1	6.44	6.436
37	PL10*100	IS2062	396	1	3.11	3.107
1	PIPE32STD	IS2062	1142	2	3.59	7.172
58	PIPE32STD	IS2062	542	1	2.15	2.146
68	PIPE32STD	IS2062	129	1	0.40	0.405
71	PIPE32STD	IS2062	542	1	1.80	1.797
72	PIPE32STD	IS2062	250	2	0.78	1.568
73	PIPE32STD	IS2062	685	2	2.15	4.301
TOTAL FOR ONE ASSEMBLY IN Kg					=	28.061
TOTAL FOR 1 ASSEMBLIES IN Kg					=	28.061

BOLT LIST FOR ONE ASSEMBLY			
Type	Size	Length (mm)	Qty
Gr.8.8	M12	45	2
Gr.8.8	M12	50	2

ES :

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

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.

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

THICKNESS TO BE 25 MM.

04.02.2025	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 PROCESS PAD AREA PIPERACK SUPERSTRUCTURE			
ING TITLE	: FABRICATION DRAWING OF PIPERACK,SHED & STAIRCASE OF PROCESS PAD AREA			
JECT NO	: PIN-084			
DWG NO.			SHEET	REV NO.
PIN-084-TPT-PM4-CS11-002-FAB-HR30			1 OF 1	0