



ONE-FRAME MARKED AS FR3

| MATERIAL LIST FOR ONE ASSEMBLY MK'D FR3- 1 NOS.Required | | | | | | |
|---|-------------|--------|--------|------|-------------|--------------|
| MARK | DESCRIPTION | GRADE | LENGTH | QTY. | UNIT WT(KG) | TOTAL WT(KG) |
| CL4 | L75X75X8 | IS2062 | 120 | 3 | 1.07 | 3.210 |
| M5 | ISMB200 | IS2062 | 4470 | 1 | 113.45 | 113.447 |
| M20 | ISMB200 | IS2062 | 4470 | 1 | 113.45 | 113.447 |
| M32 | ISMB200 | IS2062 | 4470 | 1 | 113.45 | 113.447 |
| M66 | ISMC150 | IS2062 | 550 | 2 | 9.01 | 18.030 |
| P20 | PL10*180 | IS2062 | 222 | 1 | 3.15 | 3.149 |
| TOTAL FOR ONE ASSEMBLY IN Kg | | | | | = | 364.730 |
| TOTAL FOR 1 ASSEMBLIES IN Kg | | | | | = | 364.730 |

| BOLT LIST FOR ONE ASSEMBLY | | | |
|----------------------------|------|-------------|-----|
| Type | Size | Length (mm) | Qty |
| Gr.8.8 | M20 | 50 | 12 |

TESTS :

- 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.

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

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

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

TING 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, India 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. | | | |
| PROJECT NO : | PJ-3014 | | | |
| PROJECT NAME : | PIN-084 PLANT | | | |
| PROJECT TITLE : | FABRICATION DRAWING OF PIPE RACK SUPERSTRUCTURE | | | |
| PROJECT NO : | PIN-084 | | | |
| DWG NO. | SHEET | REV NO. | | |
| PIN-084-TPT-CM1-CS11-002-FAB-FR3 | 1 OF 1 | 0 | | |