

FABRICATION SHOP DETAILS AT ALWAR PLANT

BAY No.	Length	Width	Area (Sqm)	EOT Crane Details
1	111.5	15.3	1705.95	05 MT - 1 Nos 15 MT - 2 Nos 20 MT - 1 Nos
2	111.5	11.25	1254.375	15 MT - 1 Nos 30 MT - 2 Nos
3	111.5	11.25	1254.375	15 MT - 2 Nos 20 MT - 1 Nos
4	107	11.25	1203.75	15 MT - 2 Nos
5	107	11.25	1203.75	05 MT - 1 Nos 10 MT - 1 Nos 20 MT - 1 Nos
6	52	12	624	07 MT - 1 Nos 10 MT - 1 Nos
7	75	12	900	05 MT - 1 Nos 07 MT - 1 Nos 10 MT - 1 Nos
8	40	15	600	20 MT - 1 Nos
9	40	15	600	10 MT - 1 Nos 20 MT - 1 Nos
TOTAL			9346.20	23 Nos

List of Equipment & Machinery - Alwar Plant

S.no	Name of machine	Make	Specification	Nos
A	CNC MACHINES			
1	CNC Plasma cutting combined with Oxy-Fuel station 4 nos	Messer	Bed Size 5m x 16 m Cutting thk - 200mm	1
2	CNC Plasma Cutting	Hypertherm 105	Bed Size 4m x 14 m	1
3	CNC Plasma Cutting	Hypertherm MaxPro 200	Bed Size 5m x 16m Cutting thk - 50mm	1
4	CNC press brake(Bending machine)	Hindustan Hydraulic	300 MT Capacity Bed Width 3200mm	1
5	CNC Lathe	LMW	65mm bar capacity , 250mm x 3 Jaws , 3500 RPM	1
6	CNC Drilling machine		Bed Size 3m x 1.5m	1
B	SPECIAL FORMING MACHINES			
1	Straighting machine	Wuxi Hualian	Capacity thk - 40mm	1
2	Hydraulic Press		Capacity 200-500 MT	4
3	Plate Rolling machine			1
4a	Plate Rolling machine	Himalaya	Rolling thk - 75 mm Width - 2500 mm	1
4b	Plate Rolling machine		Rolling thk - 50 mm Width - 2500 mm	1
5	Lathe		16 ft bed	2
6	Threading machine		Capacity Dia - 32 mm	2
7	Bevelling machine			1
8	Bend Saw		Cutting Dia - 200mm	1
C	WELDING MACHINES			
1	SMAW - Arc Welding	Ador	400 Amps	35
2	MIG Welding	Ador	400 Amps, 600 Amps	25
3	SAW Welding with accessories	Esab	1250 Amps	8
4	Stud welding	Drawn arc	3000 Amps, 32 mm Dia	2
D	DRILLING MACHINE			
1	Core drill machine	BDS Germany	Drilling capacity - 75 mm	12
2	Radial Drilling machine	HMT	Drilling capacity - 63 mm	8
3	Magnetic drilling machine	KPT/Bosch	Drilling capacity - 50 mm	6

E	BLASTING & PAINTING EQUIPMENT			
1	Air Compressor	Atlas Copco/Winbell	60 hp – 4 Nos, 50 hp – 3 Nos, 25 hp – 3 Nos.	9
2	Blasting Hopper			4
3	Airless spray gun	Graco USA		4
4	Pneumatic Metalizing gun			4
5	Air Receiver Tank		2000 cum – 1 Nos, 1000 cum - 2 Nos	3
6	Covered Blasting Booth with recovery system		15 x 9m x 6m	1
F	PWHT			
1	Stress Relieving Equipment		Sets	2
G	MATERIAL HANDILING MACHINERIES & EQUIPMENTS			
1	Hydra			
1a	15 MT	Escort		2
1b	14 MT	JCB		1
1c	18 MT	Ace		1
2	EOT			
2a	30 MT	Venus & Grip		2
2b	20MT	Venus, Cu- built		5
2c	15 MT	Venus, Grip		7
2d	10 MT	Venus		4
2e	7 MT	Venus		2
2f	5 MT	Venus		3
3	Goliath Crane			
3a	25 MT	Cu- built		1
3b	20 MT	Grip		1
H	OTHER TOOLS & EQUIPMENTS			
1	Grinding Machine	KPT/Hitachi	Ag-7, Ag-5 & Ag-4	50
2	Mother oven			
2a	100 Kg	Arcon		2
2b	50 Kg	Arcon		4
2c	25 Kg	Arcon		4
3	Hydraulic Jacks	Oriental	200 MT	12
4	Power packs	Oriental	1000 MT	6

I	TESTING EQUIPMENTS			
1	Ultrasonic Testing machine	Modsonic		2
2	Magnetic Partical Testing machine	Sims		2
3	DPT testing kits	Orient		50
4	Vernier	Insize		5
5	Taper Guaze	Insize		2
6	Weldguage	Insize		2
7	ED gauge	Insize		1
8	Dumpy Level	Sokia		1
9	Profile gauge	Insize		1
8	Elcometer	Hatco		2
J	PLANT UTILITY VEHICLES			
3	Tractor	Mahindra		1
4	Pickup	Mahindra		1
5	Cars	Ertiga (Maruti Suzuki)		1
6	Bus	SML		1
7	Two Wheeler			4
J	OTHER DETAILS			
1	Oxygen Tank with pipeline and accessories			1
2	Transformer		500 KVA	1
3	DG set		400 KVA	1

MACHINERY PHOTOGRAPHS





SAW Welding Machine



CNC Drill Machine



Drill Machine



CNC Press Brake Machine

Workshop Photo

