

## MANUFACTURING FACILITIES

### LOCATION

32 km from New Delhi Office

45 km from New Delhi Airport

### SIZE

<b>Plot Area</b>	-	9,665 sq m
<b>Works Area</b>	-	5,700 sq m (total)
<b>Store Area</b>	-	840 sq m
<b>Utilities</b>	-	120 sq m
<b>Office Area</b>	-	1,280 sq m

Employees (incl. workers)- 210

### MACHINERY

DESCRIPTION	MAKE	CAPACITY	QTY
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#### CUTTING

CNC Plasma Profile Cutting	Messer	3.5 m x 14m	1
Hydraulic Shearing	Bajaj	13 mm x 2.5 m	1
Oxy-Acetylene Cutting set (trolley mounted)	IOL	-	7
PUG Cutting	IOL	-	6
Air Plasma Cutting	Gerard	40 mm/25 mm	2

#### EDGE PREPARATION & GRINDING

Angle Grinder	Wolf	AG7	13
Angle Grinder	Wolf	AG9	8
Flexible Shaft	Wolf/Shuner	1 HP	7
Sander Grinder	Wolf	SH 7	1
Pedestal Grinder	Wolf	1 HP	2

#### PLATE BENDING & CNC PRESS BRAKE

CNC Hydraulic Press Brake	Hindustan	Cap 25 mm	1
Hydraulic Press	Rajiv Hyd.	500 Ton	1
Plate Bending	Mansa Udyog	2.5 m x 50 mm	1
Plate Bending	Khalsa	2.0 m x 12 mm	1

#### WELDING

Ideal arc (SMAW/ESW for clad vessels)	Lincoln	1000A	2
Strip Cladding Head	Sudokay	-	1
Submerged Arc Welding	Mogora	1000A	3
Submerged Arc Welding	Advani	600A	1
TIG Unit with HF & ACC	Quality	400A	1
MIG Welding- SS/CS	Advani	400A	3

Semi Automatic SAW	Lincoln	1200A	1
Spot Welding M/c (hydraulically operated)	Powerweld	7KVA	1
Welding Generator	Advani	K 320	2
Welding Rectifier	Advani	400A	10
Welding Transformer	Sunshine	300A	4
Welding Transformer	Advani	350A	16
OXY Acetylene Welding	IOL		1
OTC Digital Inverter (MIG)	Mogora	DM 500	1
HM 500 Inverter	Techpro		1

**WELDING ACCESSORIES**

Column & Boom	Mogora	5 x 5 m	1
Column & Boom	Mogora	4 x 4 m	1
Positioners	Mogora	5 & 0.5 Ton	2
Power Job Rotators	Mogora	30 Ton	4
Power Job Rotators	Mogora	10 Ton	9
Power Job Rotators	Mogora	5 Ton	3

**SURFACE PREPARATION & PROTECTION**

Grit Blasting Room	MEC	10 m x 6 m x 6 m	1
Painting Room	MEC	10 m x 6 m x 6 m	1

**HEAT TREATMENT**

Heat Treatment Furnace	ENCON	4 m x 4 m x 8 m	1
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**MACHINE SHOP**

Lathe Heavy Duty	Batala	12 Ft.	2
Lathe Machine	Batala	8 Ft.	2
Radial Drill	Goyal	25 mm	1
Radial Drill	HMT	60 mm	2
Pedestal Drill	ITCO	20 mm	1
Portable Drill	Wolf	20 /13 mm	2
Tool Room Grinder	Power PAC	0.75 HP	1

**MATERIAL HANDLING**

Overhead Crane (Hall- I)	AKP	10 Ton	1
Overhead Crane (Hall- II)	AKP	20 Ton	2
Overhead Crane (Hall- III)	AKP	5 Ton	2
Overhead Crane (Hall- IV)	AKP	3 Ton	1
Chain Pulley Block	INDEF	1.2, 5 Tons	
3Chain Pulley Blocks	Goodlift/Amar	10/5/1 Ton	4
Hydraulic Mobile Crane	ACE Cranes	12 Ton	1
Fork Lift	Godrej		1

Lifting Frames, Chains & Shackles are available for heavier jobs

**UTILITIES**

Air Compressor	Kessar	8 bar	1
Air Compressor	Elgi	7 bar	1
D.G. Set	Cummins	320 KVA	1
D.G. Set	Kirloskar	200 KVA	1
D.G. Set	Kirloskar	62.5 KVA	1
Portable DG Set	Kirloskar	5 KVA	1
Weighing Machine	Amar	1 Ton	1
Hydrotest Pump	Mercury	450 Bar	1
Hydrotest Pump	Mercury	40 Bar	1
Hydro Pneumatic Pump		300 Bar	1

**MONITORING & MEASURING DEVICES (NDT/OTHERS)**

Master Pressure Gauge	Revika	450 Bar	1
Radiography Viewer	Sigma	Density 5	1
Radiography Viewer	Omega	Density 4	1
Ultrasonic Thickness Gauge	Checkmete	Ex 10, 200 mm	1
Magnetic Particle Test D-Meter	Megnata	-	
	Modsonic	-	1
	Instruments		
Digital Hardness Tester (all-direction)	Dietmar Systems	Model No.D-2, S.No.100	1
Elcometer (for paint thickness)	AA Industries	-	1