

## List of Equipment in Central Workshop

### Carpentry Shop:

Sr No.	Name	Quantity (per pc.)
1.	Wood working Lathes	05
2.	Circular saw	01
3.	Universal Wood Working Machine	01
4.	Spindle Molding Machine	01
5.	Electrically Hand Planner	01
6.	Portable Electrical Jig Saw	01
7.	Portable Electrical Grinder	01

### Electrical Shop:

Sr No.	Name	Quantity (per pc.)
1.	Clamp Meter	02
2.	Coil Winding Machines	04
3.	Multi meter	02
4.	LCD Data Projector	01
5.	Volt meter and Ammeters	-
6.	Misc. Tools	-
7.	CRO	1

### Fitting Shop:

Sr No.	Name	Quantity (per pc.)
1.	Bench drilling Machine	01
2.	Pipe Bending Machine	01
3.	Vernier Caliper	01
4.	Micrometer	01
5.	Surface Plate	02

### Foundry Shop:

Sr No.	Name	Quantity (per pc.)
1.	Induction Melting furnace (Capacity 50kg)	01

2.	Mixer and Muller	01
3.	Sand Testing Equipment	01
4.	Various types of Patterns	-
5.	Mould making Equipment	-

**Sand Testing Lab:**

Sr No.	Name	Quantity (per pc.)
1.	Clay Washer	01
2.	Sand Rammer	01
3.	Transverse core Box	01
4.	Tensile core Box	01
5.	Universal Strength Machine	01
6.	Mould Hardness Tester I	01
7.	Rapid Moisture Tester	01
8.	Sand weighting Scale	01
9.	Methylene Blue Clay tester	01
10.	Sieve Shaker	01
11.	Rapid Drier	01
12.	Core hardness Tester	01
13.	Mould Hardness Tester II	01
14.	Sand Muller	01
15.	Shatter Index Tester	01

**Machine Shop:**

Sr No.	Name	Quantity (per pc.)
1.	Centre Lathe Machine	06
2.	Tool Room Lathe machine	02
3.	Power Hack saw Machine 18"	01
4.	Vertical Drilling Machine	01
5.	Shaper Machine 24" & 18"	02
6.	Radial Drilling Machine	01
7.	Tool & Cutter Grinder	01
8.	Universal Milling Machine(Praga)	01
9.	Hobby Lathe	05

10.	Drill Tool Dynamometer	01
11.	Chain Pully Block	01
12.	Lathe Grinder Machine	01
13.	Weighing Machine	01
14.	Bench Grinder Machine	01
15.	Vertical Milling Machine (HMT)	01
16.	Semi Norton	01

**Sheet Metal Shop:**

Sr No.	Name	Quantity (per pc.)
1.	Shearing Machine Hand Operated	02
2.	Folding Machine Hand Operated	01
3.	Tools For Sheet Metal Operations	01
4.	Shearing Machine (Big)	01
5.	Toggle Machine	01

**Smithy Shop:**

Sr No.	Name	Quantity (per pc.)
1.	Open Hearth Furnace	01
2.	Anvil Blocks	10
3.	Swage Blocks	04
4.	Misc. Tools	-

**Welding Shop:**

Sr No.	Name	Quantity (per pc.)
1.	Submerged Arc Welding (800 Amp)	01
2.	GTA Welding (160 Amp)	01
3.	GMA Welding (300 Amp)	01
4.	Spot Welding	01
5.	Fume Extractor	01
6.	Transformer Type Welding sets ( 300 Amp, 400Amp)	02
7.	Gas Welding and Cutting Equipment	01
8.	Portable Abrasive Cutter 14"	01