

List of Machineries at Factory

Lathe Machines

Sr.No.	Description	Make	Qty
1	Lathe Machine	H.M.T	1
2	Lathe Machine	H.M.T	1
3	Lathe Machine	H.M.T	1
4	Lathe Machine	H.M.T	1
6	Lathe Machine	STOREBRO AB	1
7	Lathe Machine	Kirlosker	1
8	Lathe Machine	Belt Type	1
9	CNC Turning Centre	LMW	1
10	Vertical Machining Centre	LMW	1
11	All Gear Lathe Machine (20" Centre Height)	Penther (Gujarat Lathe)	1
12	All Gear Lathe Machine (24" Centre Height)	Penther (Gujarat Lathe)	1

Drill Machines

Sr.No.	Description	Make	Qty
1	Drill Machine	Batlibol	4
2	Drill Machine	Otto Muller	1
3	Hand Drill		1

Grinder Machines

Sr.No.	Description	Make	Qty
1	Bench Grinder Machine	Suraj Electrical	1
2	Grinder Machine	Flexible	3
3	Grinder Machine	Angle	4

Compressor Machines

Sr.No.	Description	Make	Qty
1	Compressor Machine	ELGI Orozone	1
2	Compressor Machine fouji	Fouji	1
3	Compressor Machine Air well Painting Booth		1
4	Abrasive Blasting Machine	Kushal Udyog	1
5	Balancing Machine	Bhartia Cutter Hammer Ltd.	2
6	Slotting Machine	Mortal	1

Testing Facilities and Inspection

Investa Pumps Pvt.Ltd. has test bed of volume 80,000 litres . and 20,000 litres. All Investa pumps are tested for a period of three hours prior to dispatch. This is to check the running of Bearings and Mechanical Seal tolerances. Pumps are tested with water at ambient temperature. Test Bed has capacity to accommodate 10 pumps of various sizes at a time. Curves of Head Vs Capacity, Power Vs Capacity and Efficiency is plotted. For any Pumps totally six points are plotted. Investa has got power input to test pump up to 150 HP and NPSH close loop tank along with a vacuum pump. At a time five pumps can be tested with help of hydro test machine.

Testing Equipments:

Sr.No.	Description	Qty in Nos.
1	Magnetic flow Meter	15
2	Power Meter	2
3	Tachometer	2
4	Tong Tester	2
5	Infrared Temperature Sensor	1
6	Bearing Vibration Meter	1
7	Noise Level Indicator	1
8	Pressure Gauge	5
9	Height Gauge	1
10	Venire Caliber	5
11	Spark Tester	1
12	Micrometer	2
13	Pump for Hydro test	2
14	Pressure Transmitter & Gauges	1

List of Machinery at Foundry

Sr.No.	Machine No.	Machine /Equip. Type	Make	Capacity
01	Air Compressor -1	7x5 esv-1- Lub Reciprocating	Ingersol Rand	125 psig
02	Air Compressor -2	7x5 esv-1- Lub Reciprocating	Ingersol Rand	125 psig
03	Air Compressor -1 to 2	7x5 esv-1- Lub Reciprocating	Ingersol Rand	125 psig
04	Air Compressor -4	9x7 esv-1- Lub Reciprocating	Ingersol Rand	125 psig
05	Air Compressor -5 to 6	5 & 5 &3/.5x4	Ingersol Rand	15 T
06	Press 1 to 9	Hydraulic Wax Injection Press	Mayur Engg.	7.5Kg.Wax, 100Kg/Cm2
07	Press 10 to 13	Hydraulic Wax Injection Press	Mayur Engg.	7.5Kg.Wax, 100Kg/Cm2
08	Hot Plate	Electric Hot Plate	Kumar	3Kw 18"x15"
09	Extrusion Press	Hydraulic Runner Press	Mayur Engg.	10Kg.Wax

10	Wax Melting Pot-1	Tank with Electric Heater	Mayur Engg.	250 Kg.Wax
11	Wax Melting Pot 2&3	Tank with Electric Heater	Pithava Welding Works	95 Kg.x 6
12	Jar Roll Mill	Roller Mill	Mayur Engg.	60 Kg.x 6
13	Rain Fall Sander	Bucket Elevator	Mayur Engg.	8 Kg./Min
14	Sd-1 n to Sd-3 Slurry Drum	Rotating Drum with Stirrer	Mayur Engg.	150Kg.Slurry
15	Fluidised Bed FB-1 & FB-2	Air Operated Static Drum	Mayur Engg.	150Kg. Sand
16	Central AC Plant Package 1 to 4	Air cooled Compressor Package Unit	Blue Star	10 T.R
17	Central AC Plant Package 5 to 6	Air cooled Compressor Package Unit	Blue Star	7.5 T.R
18	Central AC Plant Package 7	Air cooled Compressor Package Unit	Blue Star	5 T.R
19	Melting Furnace	200 K.W Induction Furnace	Inducto Therm	350 Kg.150 Kg.
20	Shell Banking Furnace 1 to 2	LPG Fired	Mayur Engg.	3 Ft.X 3Ft.X3.5Ft.
21	D.M.Plant	Resin Bed	Subham	250Lit/Hr.

		type	Agency	
22	Muffel Furnace	Electric	Kumar	2.20 KW
23	Spectrometer	Fe/Ni/Co Base ARL3460	ARL Switzerland	23Channel
24	Heat Treatment Furnace	Hydraulic Operated	F.I.E	0-10Tones
25	Microscope	1000x 220-230- 240V	Olympus Japan	1000x
26	Hardness Tester	Manual Operated	Saroj Engg.	60-150kgf load
27	Hammer Machine 1 to 2	Air Operated Vibrating Hammer	C.P 4689	
28	Cut-Off Machine	Adjustable Rotating Cutting Wheel	Mayur Engg	4000 RPM
29	Pedestal Grider 1 to 4	Pedestal Type	Rolex India	2 H.P
30	Pedestal Grider 5 to 8	Pedestal Type	Amber mOtor	2 H.P
31	Belt Grider 1 to 2	Belt Sender	Grind Tool	2800 RPM
32	Hand Grinder	Pneumatic Grider	C.P 9107	35000 RPM
33	Leaching Unit	LPG Fired	Rahde Fabrck	Dia 33" x 24" x 30"
34	Shot Blasting Machine	Tumn Blast	Patel Furanace	150 k.g
35	Press Test Unit	Hydraulic	Grey Cast	75 Kg.

			Engg.	
36	Drilling Machine		Sidhpura Engg.	1 H.P
37	Stratening Press	Hydraulic	Viramgama	40 Tones
38	Stratening Press	Hydraulic	Rangani	150 Tones
39	Transformer	Oil	AMES	500 H.P
40	Crucible	200 K.W	Inducto Therm	350 K.G 150 K.G
41	Warer Filter Plant	Osmosis	Crown	500 LPH
42	Welding Machine	Aircooled	Valcon	600 A
43	Hand Grinder	Air Cooled	Associate Pnumatic	35000 RPM
44	Gala Finish System	Vibro -Benz	Gala Equipments	7.5 H.P
45	Super Blat Machine	Model SB 12090	Make Shot Blasting	
46	Generators	Diesel Engine	Solzer German	500 KVAR
51	Transformar And Servo Stabilizer	Electric	Parakit Morbi	415 V Input 460 Output
52	Dehumidifire	Electric	Parakit Morbi	5 T R Coating
53	Sluury Drum	Rotating Drum	Mayur Engg	150Kg
54	Dewaxing	LPG Fired	Muyur Engg.	Dia 106" x 24" 30"
55	Welding Machine 1	Oil Cooled	Valcon	600A

	to 2			
56	V M C & C NC	DMU 60T 5 Axis & CTS 310 Gill Meister	Deckel Maho Germany	750 x 550 x550 RPM ,10000Load

Quality Control Equipment:

Sr.No.	Machine Name	Quantity
1	Spectrometer	1 Nos.
2	Olympus Microscope	1 Nos.
3	Universal Testing Machine	1Nos.
4	Hardness Tester	1 Nos.
5	Hydraulic Testing Machine	1 Nos.
6	Surface	1 Nos.
7	Height Gauge	1 Nos.
8	Micrometer Screw Gauge	2 Nos.
9	Combination Set	1 Nos.
10	Vernier Caliper	10 Nos.
11	Dial Gauge	1Nos.
12	Depth Micrometer	1 Nos.
13	D.P. Test Facility	1Nos.
14	Bend Removing Equipment	1Nos.
15	Extensometer	1Nos.
16	Sample Finishing Machine	1Nos.
17	Metapol Grinder	1Nos.
18	Electronic Polishing Machine Incipol	1Nos.

