



SAP PARTS CAPABILITY DOCUMENT

WORKS: SURVEY NO. 1087/04
PUNE-NAGAR-PIMPLE JAGTAP ROAD, SANASWADI, PUNE- 412208 .INDIA

Sr.	Consolidated Equipment (Manufacturing & Testing) and Instrument	Qty
1	Manufacturing Equipment	162
2	Testing Machines	36
3	Quality Instrumentation	541

Sr.	Manpower Strength	Qty
1	Engineers	152
2	Operators	87
3	Officials	25
4	Others	14
	Total	278

Sr.	Certifications	Number
1	ISO:9001-2005	QM 01 00776
	<i>Contd. Since 2011 and valid till 12.12.2023</i>	

Sr.	Awards & Accreditations	
1	BEML - Excellence Award for Import Substitution	2015
2	BEML - Excellence Award for Import Substitution	2016
3	Mahindra & Mahindra - Innovation Award	2021

Sr.	Capabilities & Services	
1	Product Manufacturing using Multiple Technologies - Centrifugal Casting, Precision Machining, Precision Lapping, Grinding, Cryogenic treatment, Heat treatment, Surface Coating, Surface treatment, Powder Metallurgy, Elastomer Molding etc.	
2	Product life Cycle Management - Testing & Validation	
3	New Product Design & Development (R&D) - Advance CAD Softwares, FEA, CFD, Nonlinear Analysis, ANSYS - Simulation & analysis using AFM, SEM	
4	Custinmized Machine Building & Process Engineering	
5	Custome Made Test bench building	

EQUIPMENT LIST

Sr.	Manufacturing Equipment	Qty
1	3 D Printing machine	1
2	Box Stripping Machine	2
3	Cantilever Centrifugal Casting Machine (CCCM)	5
4	Casting melting furnace (CMF)	7
5	CNC Turning Machine	3
6	CNC VTL machine	3
7	Compression moulding machine	10
8	Cord Cutting machine	2
9	Cryogenic Treatment Machine	2
10	Cryogenic with duro cylinder	1
11	Destabilization Furnace	2
12	Drilling machine	2
13	Rubber Extruder Machine	2
14	Face CNC Grinding Machine	1
15	Final Lapping Machine	7
16	Flat Lapping Machine	11
17	Flat Spray Washing Machine	7
18	Furnace (Hardening)	3
19	Furnace (Tempering)	2
20	Sealing Machine	2
21	Horizontal centrifugal casting machine (HCCM)	5
22	Hot Air Circulating Oven	4
23	Induction Heating Machine	4
24	Jet Spray Washing Machine	1
25	Laser marking machine	2
26	Lathe Machine	4
27	Magnetic Particle inspection machine (Crack testing)	1
28	Oil leakage testing machine	12
29	Polishing machine	5
30	PTO Torque wrench machine	1
31	Robot	1
32	Shot Blasting Machine	1

EQUIPMENT LIST



33	Shrink Wrapping Packaging Machine	2
34	Spherical Lapping Machine	25
35	Ultrasonic Washing Machine	10
36	UTM MACHINE	2
37	Vertical centrifugal casting casting machine (VCCM)	6
38	Wax Molding Machine	1
Total		162



TESTING INSTRUMENT LIST



Sr	Product Life-Cycle Testing Machines	Qty
1	Seal Oil Leakage & Endurance Test Set-up	13
2	Customized Mud Test Bench	7
3	Accelerated Dynamic Sealing Test Rig	4
4	Live Axle Test rig	2
5	Differential Pressure Balance Test rig	2
6	Static Leakage Test bench	3
7	Compression Stress Relaxation Test rig	3
8	Multi-Spindle Seal Leakage Test rig	2

Sr	Quality Assurance Instrumentation	Qty
1	Metallurgical Spectrometer	1
2	DVC	15
3	Plunger Dial Gauges	39
4	MSD	23
5	Plug Gauge	15
6	Thread Plug Gauge	5
7	Micrometers	5
8	D.H.G.	3
9	Bore Gauge	5
10	Granite Surface Plate	6
11	MPI Testing Machine	1
12	Rockwell Hardness Tester	2
13	Profile Projector	1
14	Roughness SPECIMEN	1
15	Durometer	5
16	Micro Vickers Hardness Tester	1
17	BHN Tester	1
18	Analog Pressure Gauge	5
19	Temperature Gauge RTD-Type	10
20	Pyrometer and Camera	5
21	Optical Flat	2
22	Compound Digital Microscope	12
23	Electronic Torque Sensor	25
24	Moving Die Rheometer	1
25	TalyRound100	1
26	FARO - CMM	1

TESTING INSTRUMENT LIST



27	Flatness Tester	3
28	Load Cell	35
29	DRY ABRASION TESTER	2
30	PROXIMITY SENSOR	95
31	LVDT	15
32	Temperature Sensor	115
33	Temperature Controller	84
34	Video Measuremnt System	1
Total		541





