



MANJUSHREE
ENTERPRISES

Heat Treatment Specialists



About Manjushree Enterprises



Founded by metallurgists in 2018, with over 30 years of experience in Commercial Heat Treatment, enabling us to deliver products with chemical and physical properties that match our customer's exact requirements.

Services

Gas Nitriding
Quenching & Tempering
Case Hardening
Normalizing

Aluminium Material Ageing
Annealing
Precipitation Hardening
Carburizing Annealing

Hardening
Toughening
Tempering
Stress Relieving
Bend Removing

Management



**Umesh D. T.
Director**

Diploma in Metallurgy,
from the reputed
VISSJ Polytechnic, Bhadravati &
(Indian Institute of Metals)



**Yogendra M. B.
Director**

Diploma in Metallurgy,
from the reputed
VISSJ Polytechnic, Bhadravati

Both are trained for ISO requirements, 7QC Tools, Special Process Requirements, AS (Aerospace) Requirements, NADACAP Requirements

Both have worked for well known companies with over 30 Years experience each in Commercial Heat Treatment providing Knowledge and Services to many Multi-Nationals, Machine Tool, Aerospace, Defense and Automotive Companies before founding the Manjushree Group.

They have extensive knowledge on Metallurgical and Mechanical Testing/Inspection.

Team

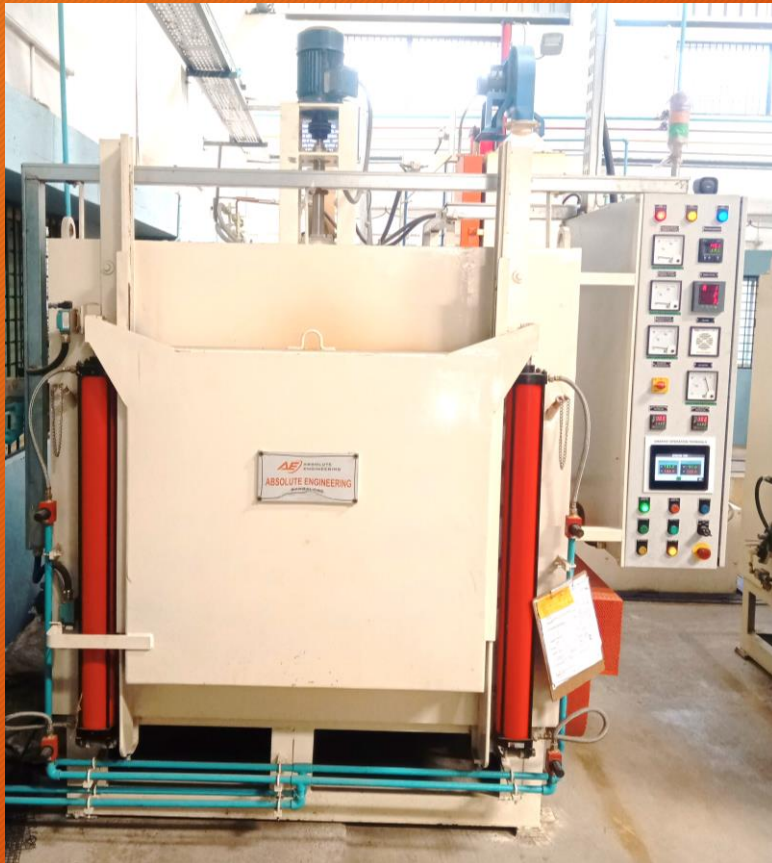


- **Has a dedicated team of metallurgical professionals**
- **Highly experienced and technically qualified personnel**
- **Dedicated team with the motivation to excel**
- **Good relations with Customers, Vendors and Inter-Personnel**
- **Qualified Quality Control personnel**
- **Works 24x7x365**

Sealed Quench Furnace



Tempering Furnaces



Pre-Heating
Furnace



Alkaline Washing Machine



Gas Nitriding Furnaces

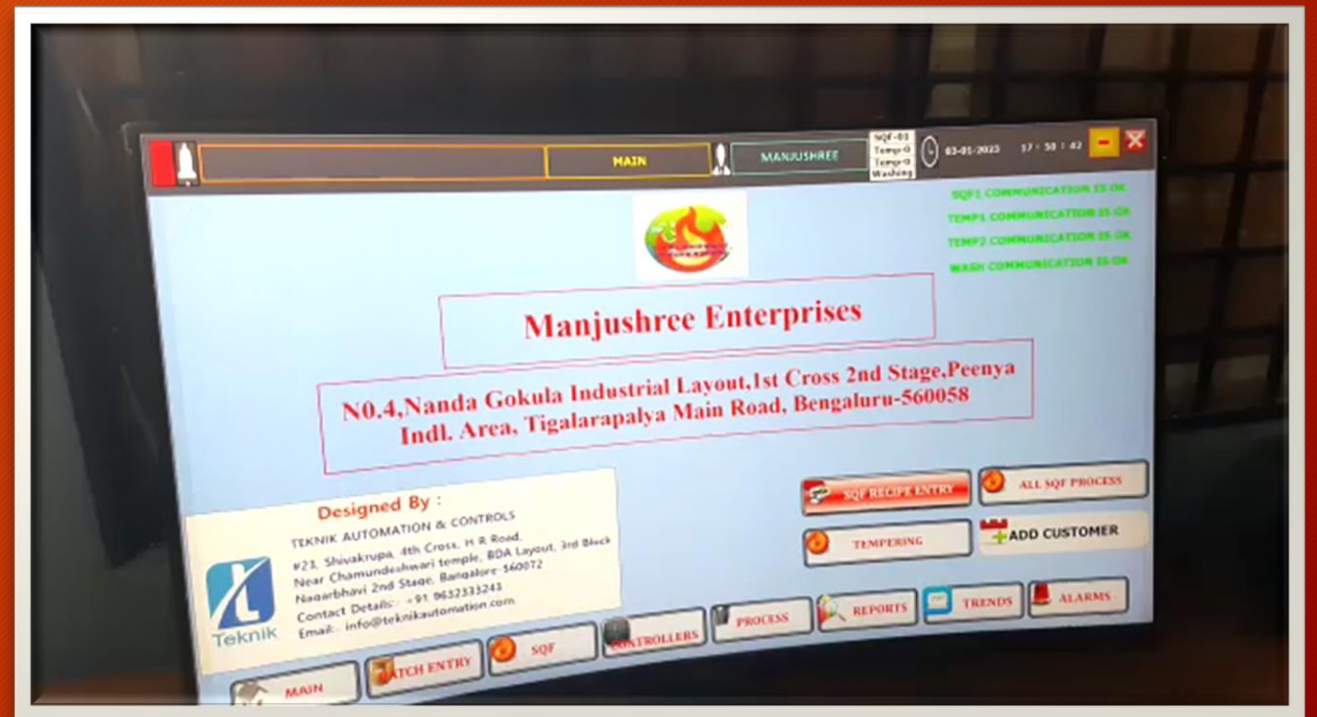


Automation using SCADA



Manjushree Enterprises employs the latest technologies to deliver services and ensure highest quality.

We use SCADA (Supervisory Control and Data Acquisition) systems to monitor the entire heat treatment process to ensure that the desired outcome is achieved every time.



Material Handling and Movement



We use conveyors, hydraulic stacker and overhead crane for loading and unloading material to prevent any damage.



Power Backup



Even in case of power outage, our operations will not halt as we have installed a 125KVA Generator (TATA) which allows us to function at full capacity and meet customer deadlines.



Testing Equipment



Rockwell
Hardness Tester



Micro Vickers
Hardness Tester



Digital Rockwell
Hardness Tester



K-Type Thermocouple
Testers



Testing Equipment

Digital PH Meter



Microscope



Refractometer



Specimen Preparation Equipment

Single Disc Grinder Polisher



Abrasive Cutter



Support from Group Companies



Manjushree Enterprises, being part of the Manjushree Group is able to draw upon the resources from the group companies for in-house processes to ensure Reliability, Competitiveness, meeting Delivery Schedules and achieve 100% Client Satisfaction.



Started in 2004

Peenya and Bommasandra
Heat Treatment & Surface Finishing



Started in 2010

Peenya
Heat Treatment



Started in 2018

Peenya
Heat Treatment

Additional Process Resources



Furnace Type	Max Temp	Size	Units
Pit Type Gas Nitriding Furnace	750°C	1800mm(L) X 750mm (∅)	3
Pit Type GCF Furnace	950°C	1200mm(L) X 600mm (∅)	1
Pit Type GCF Furnace	950°C	1300mm(L) X 600mm (∅)	1
Pit Type GCF Furnace	950°C	1500mm(L) X 700mm (∅)	1
Pit Type GCF Furnace	950°C	1800mm(L) X 750mm (∅)	1
Pit Type GCF Furnace	950°C	1500mm(L) X 750mm (∅)	1
Pit Type Tempering Furnace	750°C	1200mm(L) X 600mm (∅)	1
Muffle Tempering Furnace	350°C	1400mm(L) X 800mm (∅)	1

Facility/ Equipment	Specifications	Units
Oil Quenching Tank	2.2 meters (∅) X 3 meters (Dpth) – 10,000 Lts (V)	1
Oil Quenching Tank	750mm (∅) X 2 meters (Dpth) X 6mm Thick – 8,000 Lts (V)	1
Bend Removing Machine	Upto 60 Tonnes with Adjustable Load Facility	1

Additional Process Resources



Metal Finishing

Tumbling Machine



Vibro Machine



Glass Bead Blasting



Grit Blasting



Manjushree Enterprises

4, 1st Cross, Nandagokula Industrial Layout,
2nd Stage, Peenya Industrial Area,
Bengaluru - 560058
Karnataka State, INDIA

Phone: +91 80 2836 0991

Mobile +91 9243458858, 9243406021,
+91 9243407146, 9663876917

Email: manjushree.ent2016@gmail.com

GSTIN: 29ABEFM5397H1ZQ





Thank You