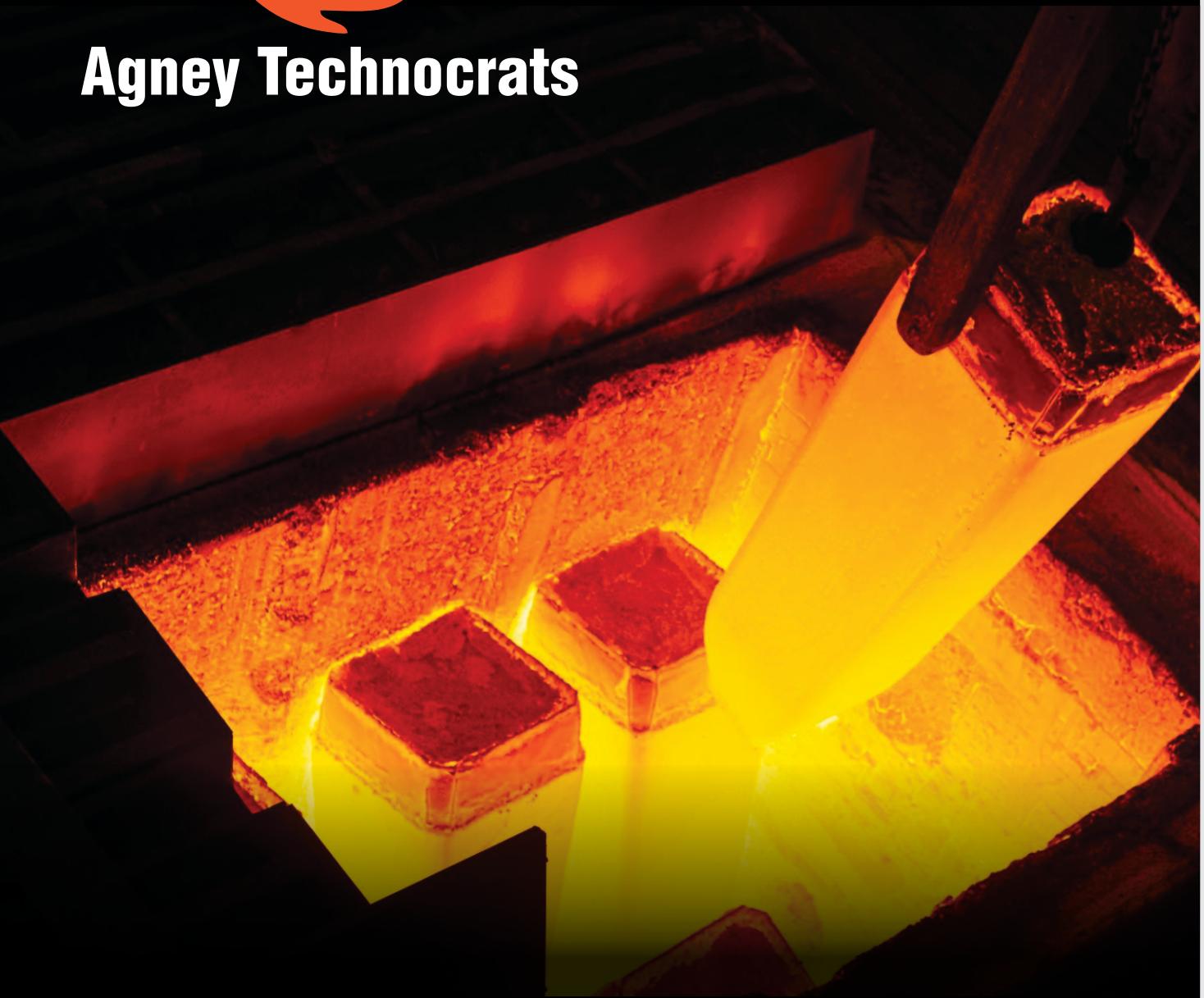




# Agney Technocrats



*The Heat Treatment  
Services*

# About Company



The company was just started few months ago in the field of Heat Treatment Services. We are located at Five Star M.I.D.C. Kagal, Kolhapur and we are providing following Heat Treatment services to the customers.

- ▶ Hardening & Tempering
- ▶ Induction Hardnening & Tempering
- ▶ Gas Carburizing (Case Hard)
- ▶ Austempering (ADI)
- ▶ Normalizing
- ▶ Annealing
- ▶ Stress Relieving
- ▶ Non-Ferrous Heat Treatment (Aluminum)

These services are rendered by high-end machines that are installed at our well established infrastructure. We have a team of highly skilled and knowledgeable professionals and Services provided by us are treasured by our customer for their value, accuracy, flexibility, timely execution and quality.



## Induction Hardening Machine

Machine Name	: <b>Induction Hardening Machine</b>
Make	: <b>Plazma Induction</b>
Frequency	: <b>150Kw (Low Frequency)</b>
Scanner	: <b>1000 mm</b>
Controlling System	: <b>CNC Controlled (Mistubisi)</b>
Induction Station	: <b>Single Station</b>



## Quality and Vision

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Agney Technocrats is prominent organization contributing all our resources to offer well organized and effective service such as Heat-Treatment Process. Our firm is growing immensely in the market as rendering Heat-Treatment Services.

The heat treatment services, we provide are applauded for their promptness, use of a grade raw material and customer friendly approaches.

Our motto is providing best quality and service to the customer. By utilizing skills of our expert professionals and creative workers, we are engaged in offering an extensive range of Heat Treatment Services. These services are rendered under the vigilance of our adept professionals who maintain all quality standards prescribed by leading industry. From start to finish, we maintain a high level of heat treating quality in a commercial heat treating shop that controls the processing of work.

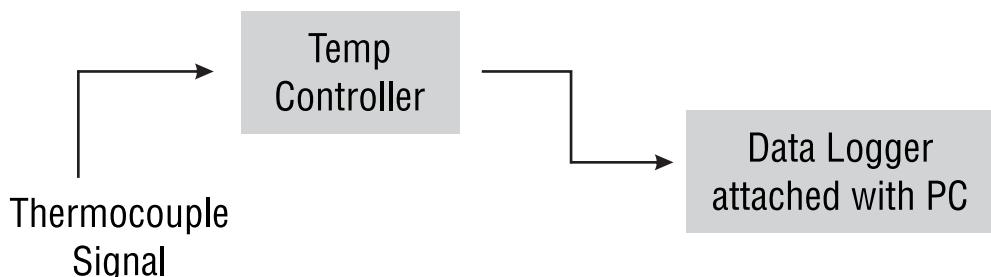
Our policy is to continue to give you "**The Customer**" a fast, efficient and competitive service, we are aware of the trust you place upon us and our aim will always be to give you complete satisfaction. The need of our customers will continue to be paramount.

The plant is operational 24x7 in order to ensure fast turnaround at competitive price.

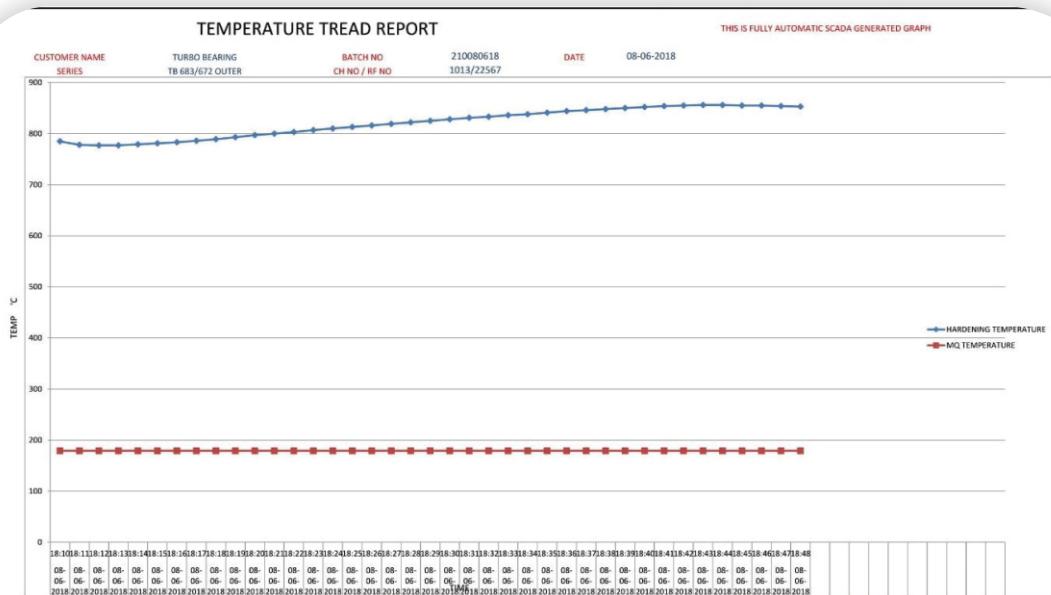
# Recording with Continues Data logger

All furnace station has duplex type Thermocouple, One is connected to temperature controller and Data Logger.

All Channel Temperature data is save in Data Logging system.



**Temperature trend Diagram also generated in Data Logging System.**



## Hardness Testing

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Hardness testing is heart of heat treatment process. We are using Saroj Made Rockwell hardness tester and Brinell Hardness Tester.

We measure hardness of each batch of processed. Also hardness tester is calibrated by master block daily in time interval. We also send hardness report to the customer per batch.

## Testing Lab Equipment's

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After cutting the specimen, the aim of mounting is to handle small or odd shaped. Specimens and to protect fragile materials, thin layers or coating during preparation as well as to provide good edge retention.

Mounting produces specimens with uniform size so that it is easier to handle in automatic holders for further preparation steps. In hot mounting, the specimen is mounted under heat and pressure with a hot mounting press.



# Plant Overview

**Plant Capacity – 150 MT per month**

## Furnace Facility

Hardening Furnace	: 2 No's (800 Kg. Batch Capacity)
Tempering Furnace	: 3 No's (800 Kg. Batch Capacity)
Washing Machine	: 1 No (3000 Ltr. water Capacity)
Oil tank	: 1 No (8000 Ltr. With Agitation)
Water Tank	: 1 No (15000 Ltr With Double Agitation)
Induction Hardening Machine	: 1 No (150 Kw Low frequency 10 khz)

## Testing Instruments

- ▶ Everone Micro Vickers Hardness Tester
- ▶ Almicro Inverted Microscope
- ▶ Rockwell Hardness Tester
- ▶ Cutting Machine
- ▶ Polishing Machine
- ▶ Hot Mouting Press

## System Facility

- ▶ All Controllers Are Calibrated by External Agency
- ▶ Hardness Tester Is Calibrated by External Agency
- ▶ Master Thermocouple Is Available with Us
- ▶ Spare Thermocouples and Controllers Are Available



## Agney Technocrats

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