



ALL TYPE OF HEAT TREATMENT

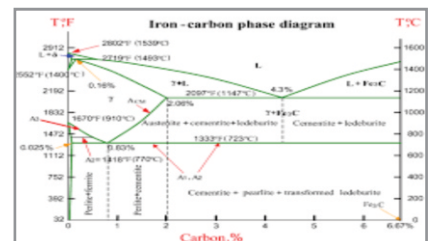
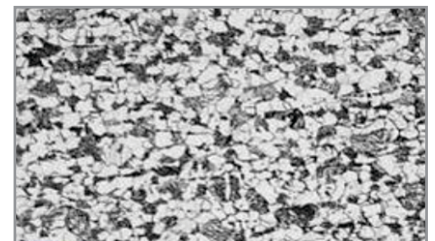
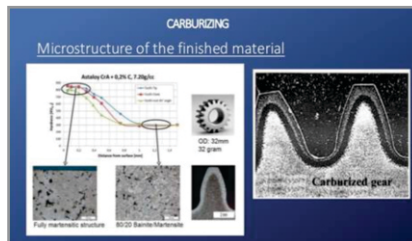


**PATEL METAL**  
TREATMENT

# About Company

**PATEL METAL GROUP** (PM GROUP) is into metal heat treatment for last 10 years. The group have specialized and provided steel heat treating services including Case hardening, Carburizing, Hardening- Quenching, Tempering, Annealing, Normalizing, Precipitation Hardening, Age Hardening and more.

Heat treatment uses extreme cold and hot temperatures to create a specific amount of hardening or softening of a material. The specialty heat treatments that we provide having numerous benefits are Surface Case & Core Control, Better Machine ability, Better controlled Hardness & mechanical properties, Specified Micro structure & More.



# Group Strategy

PM Group's objective is to create superior Customer's returns through the provision of selected thermal processing services, on a global basis, that are highly valued.

## **Group strategy is based on the following fundamentals:**

- Serving the Non-automotive, Valve and energy markets, with a focused globally network, attuned to their customers' specific needs and requirements.
- Serving the automotive and chosen general industrial markets through a regionally organized business, catering for their customers' specific local needs and proximity requirements.
- Capitalizing on our selected technologies to provide our customers with the ability to create innovative, differentiated products.
- Achieving the highest levels of customer service in terms of quality, delivery, reliability and technical problem solutions.
- Expanding with our customers to emerging markets with an emphasis on India and abroad.

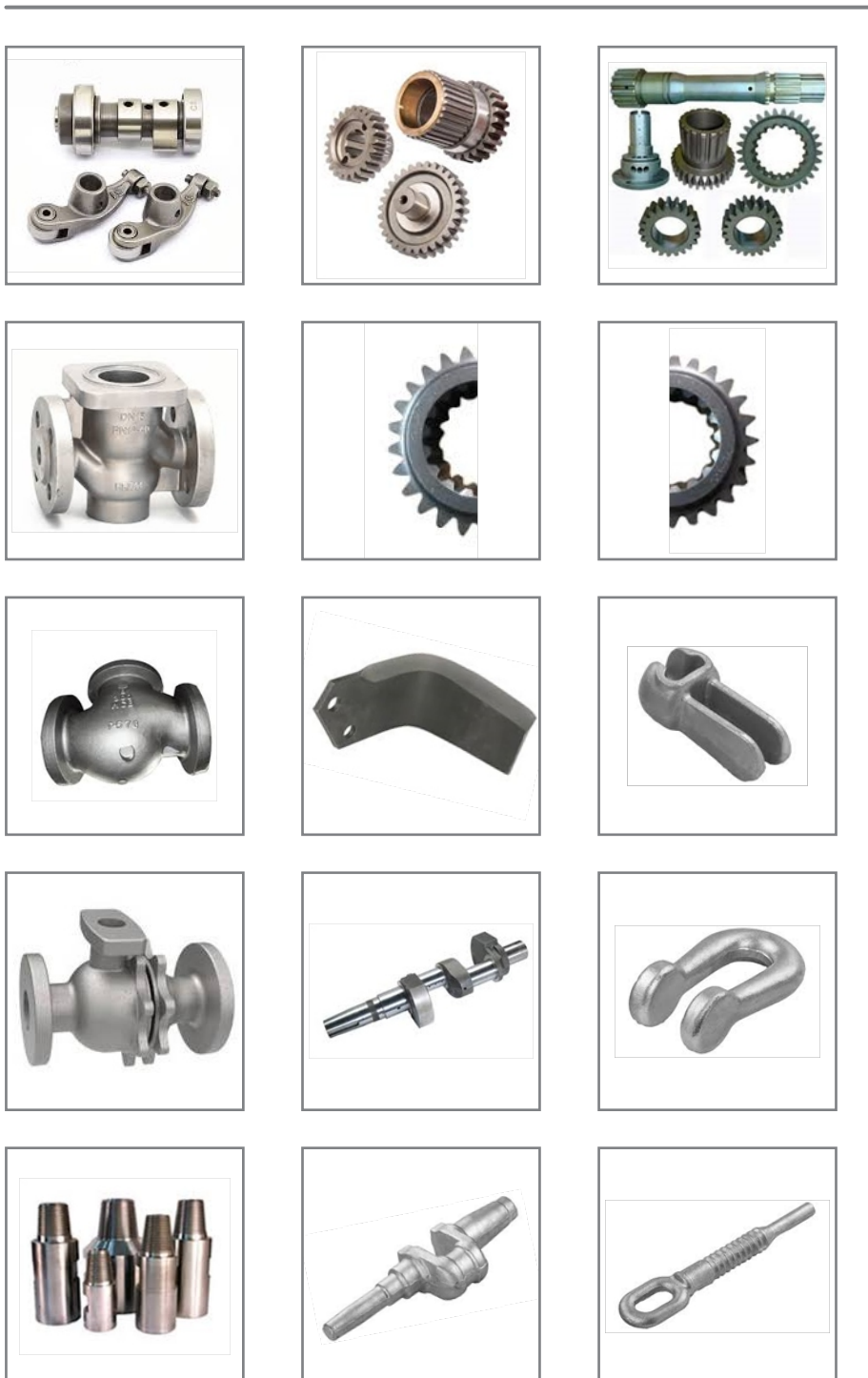


# Network

Group is directly and indirectly serving a wide range of industries in Indian & International network.

PM Group operates in three major areas:

1. ) Automotive & General Industrial (AGI)
2. ) The Power generation and oil & gas industries,
3. ) Other business serves sectors including construction, machine building, medical and transportation.



## HEAT TREATMENT PROCESSES

- Gas carburizing
- Case Hardening
- Carbonitriding
- Hardening / Quenching
- Solution Annealing
- Tempering
- Normalizing
- Annealing
- Stress Relieving

## METALS COVERED

- Low, Medium & High Carbon Steels
- Low-High Alloy Steels
- All Stainless Steels,
- Die -Tool Steels
- Aluminum Alloys.

## INFRASTRUCTURE:

### • GAS CARBURIZING PIT TYPE FURNACE



### • BOGY TYPE GAS FIRE FURNACE



### • BELL TYPE FURNACE



### • PROGRAMMABLE LOGIC CONTROLLER



# Lab Equipments

• METALLURGICAL MICROSCOPE



• OPTICAL BRINELL HARDNESS TESTER



• FULLY AUTOMATIC MICRO VICKERS HARDNESS TESTER



• HOT MOUNTING MACHINE



• ROCKWELL HARDNESS TESTER



# PM Group Management

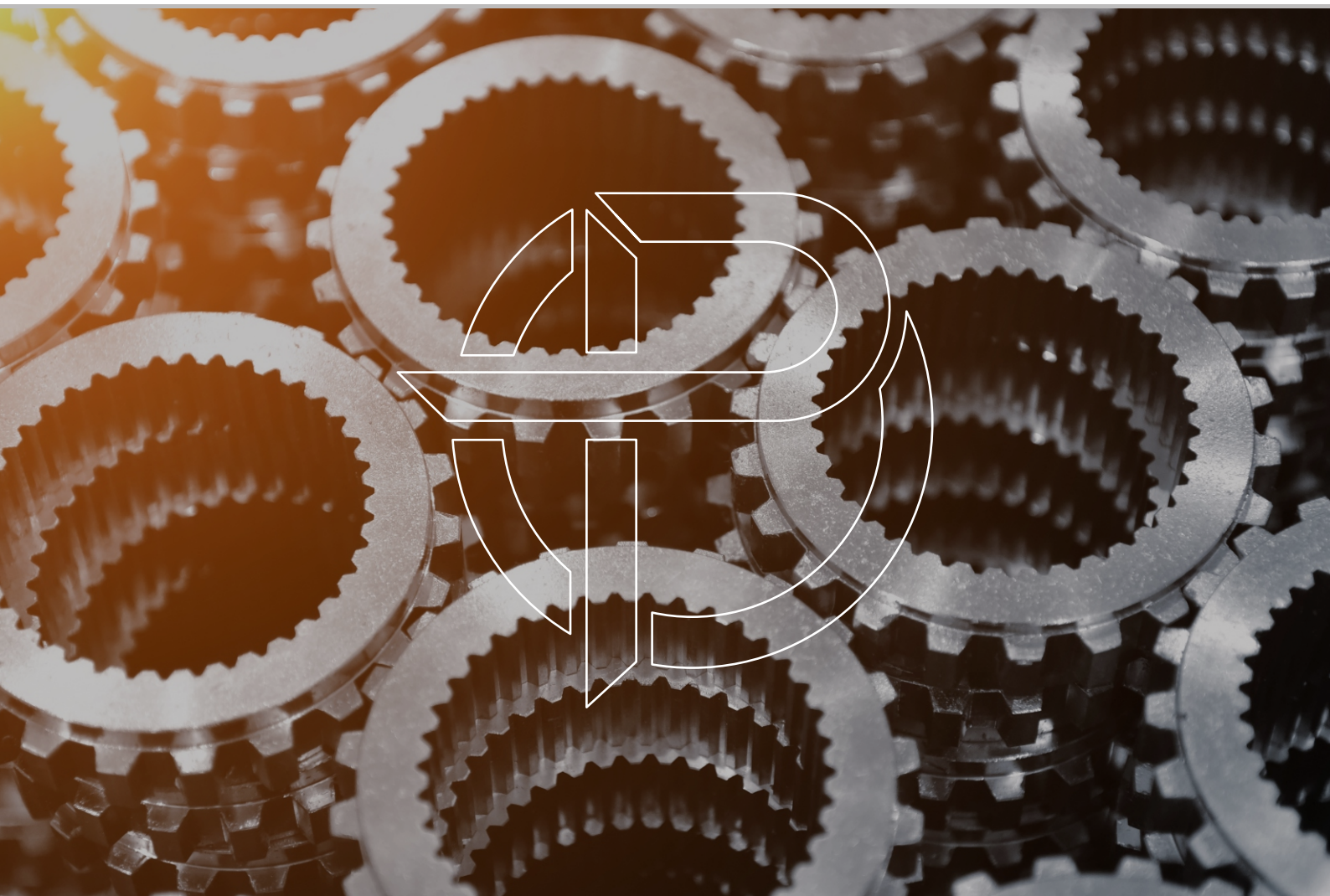
**Founder & CEO** : Mr. Kuldip Patel, has vast experienced in Technology, Business Strategies & Administration for more than 12 years. He is associated with this group from beginning. With his deep understanding & technical knowledge PM Group has done remarkable progress with better customer relationship. He leads PM Group with maximize productivity and efficiency in all business activities through continuous improvement.

**Director – Technical** : Mr. Abhijit (Metallurgist)

He has more than 15 yrs experience with Various Organizations, with various leading roles as Head Manufacturing, Head Quality Assurance & Chief Metallurgist. He has completed various Green Field Projects in Heat Treatment & Foundry Plant installation. He has experienced inTPM, IATF 16949, VDA 6.3.

## Additional Certification and Courses

- 5GBHf@j Y`₹



# PATEL METAL TREATMENT

## **Factory Address:**

Unit 1: Patel Metal Heat Treatment

Plot no. – 7, Survey No. 26, Soham Estate Road, Nr. Prabhu Krupa  
Ind. Shapar (Veraval), Dist. Rajkot - 360024

## **Unit 2: Patel Metal Treatment**

Plot no. – 7, Survey No. 131/2, Padavala Road, Opp. GETCO,  
At. Padavala, Tal. Kotda Sangani, Dist. Rajkot - 360024

## **Contact Details:**

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