



ACCURATE THERMAL SPRAY PVT. LTD.

NIRAV S. MEHTA
M.S. Chem (U.S.A)
Managing Director

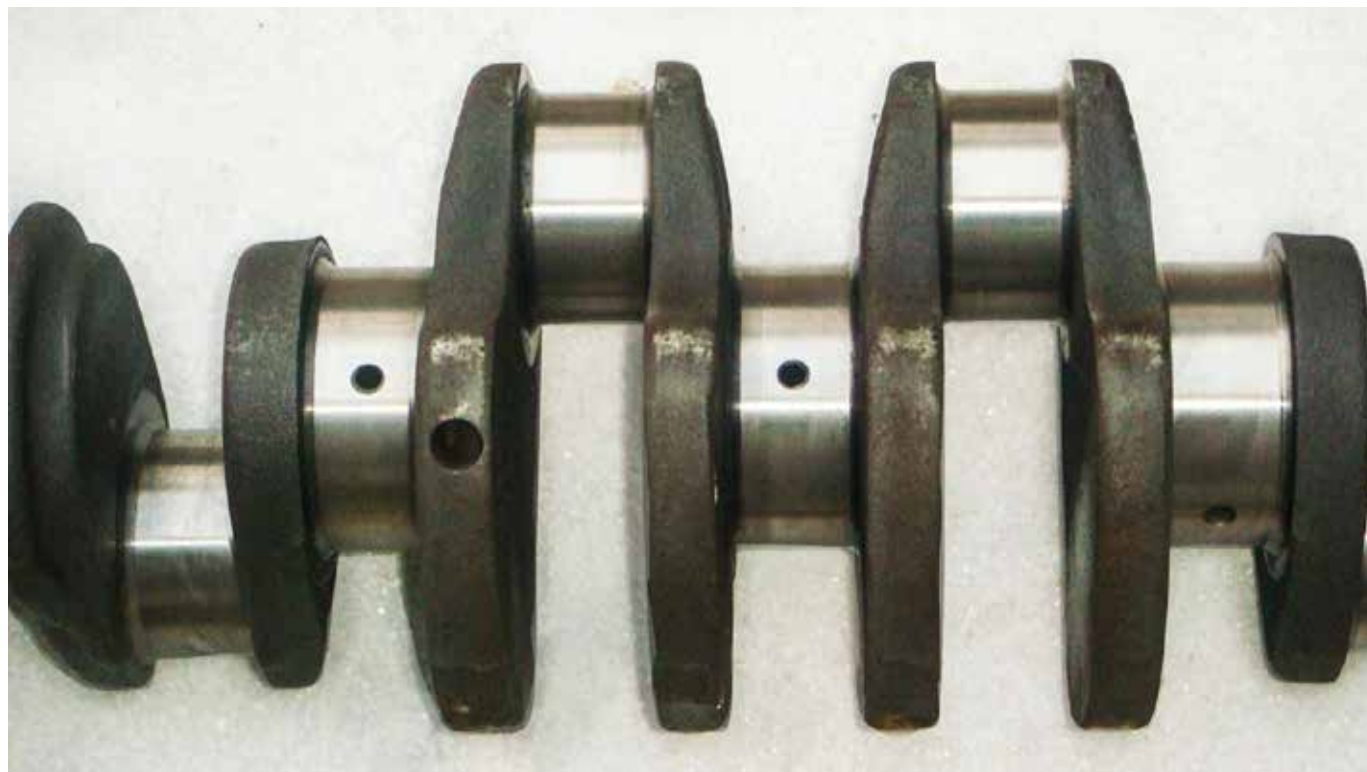
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Accurate Thermal Spray Pvt. Ltd. is a company providing [different types of coating](#) as per customer specification on their products for better corrosion, abrasion and wear resistance property. Using the latest technology and advancements in material our company can deliver wide range of coatings from [5 microns to 8000 microns \(8 mm\)](#) as per specific requirement of the customer on their parts.



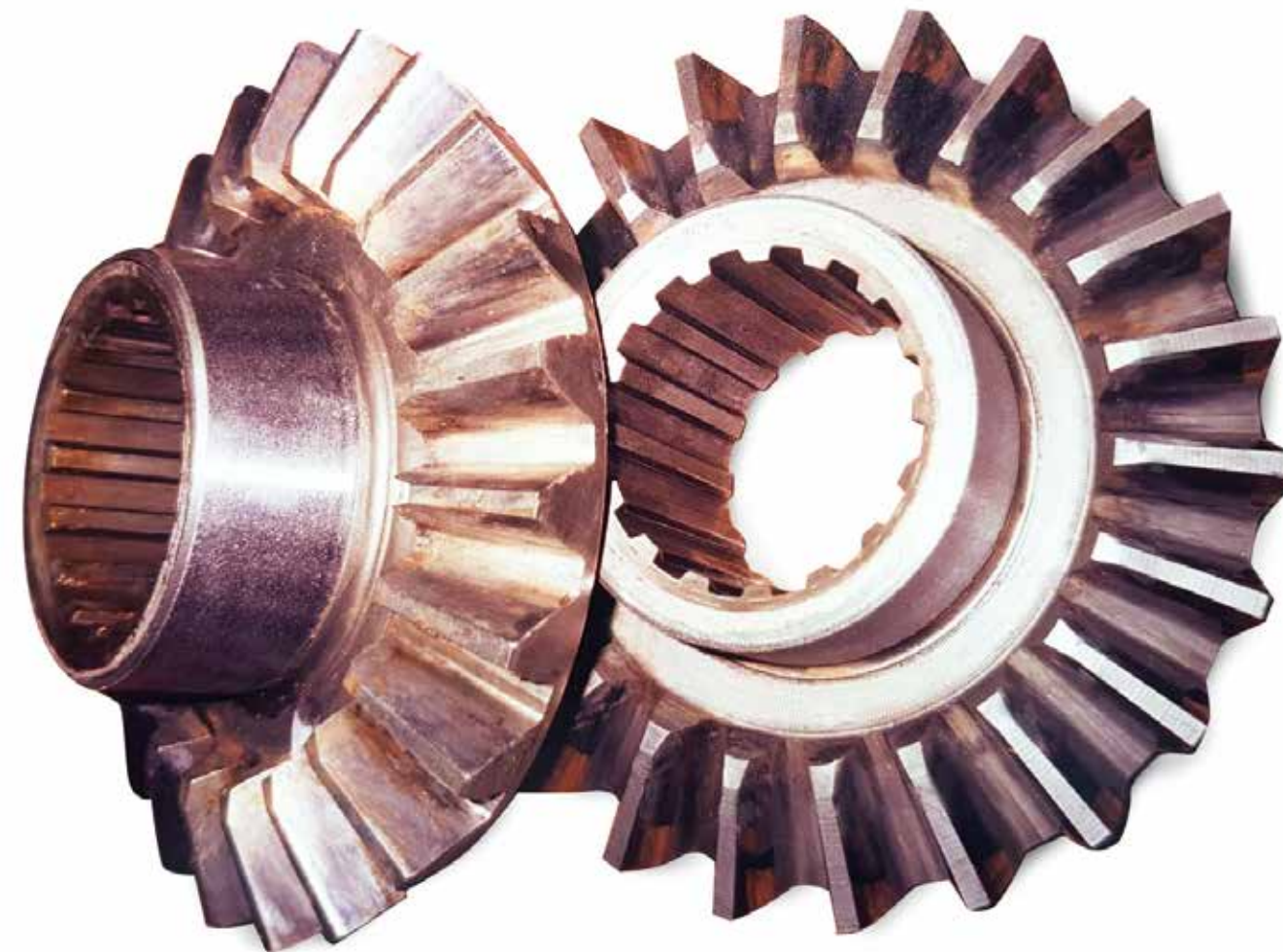
OUR MISSION

Our [Company's mission](#) is to engineer, develop and apply surface coating for the purpose of:

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- 01 Improving [our customer's productivity and profits](#) by reducing or eliminating the damaging effects of wear, abrasion, corrosion and heat.
 - 02 [Improving the performance](#) of parts in aggressive environments.
 - 03 [Changing surface characteristics](#) as per customer specification on like conductivity traction
 - 04 [Reclamation of worn-out parts](#) to new or better than new condition. (Generally, the reclaim parts will give better life than original parts because of improved surface modification).



THERMAL SPRAY COATING





ANTI SPARK COATED
HOOKS

NON SKID COATING
FOR GRIP PURPOSE



FINE POWDER PIN
MILL PILVERIZER

PROCESS

Thermal spray coating involves the use of a torch to heat a material, in powder, rod or wire form, to a molten state and the use of a gas or air to propel the material to the target substrate, creating a completely new surface. The coating material may be metal, alloys, ceramics or carbides with unique physical properties that are, in most cases achievable through the thermal spray process.

Thermal spray coatings are a highly cost-effective and straightforward method for adding superior properties and performance qualities to a given engineering surface. In this method, we can deposit any metal on any metal. Even certain metals can be deposited on plastic, wood, and even paper. In certain cases the temperature of part can be less than 100-degree centigrade so there is absolutely no distortion on your parts.

ADVANTAGES OF THE PROCESS

- Wear Protection against Abrasion, Erosion, Fretting, Galling
- Corrosion Protection against, Oxidation, Hot gas & atmospheric corrosion.
- Thermal Barrier coating
- Immersion corrosion
- Reclamation of worn-out parts
- Hardness up to 72HRC
- Any coating on any metal
- Rebuilding of under size parts
- Electrical conductivity



INDUSTRIES SERVED

Abrasive	Paper
Automotive	Petrochemical
Cement	Pharmaceutical
Chemical	Plastic
Electrical	Printing
Electronics	Power generation
Food	Pump
Foundry	Railway
Glass	Textile
Hydraulic	Transport
Machine Tools	Space
Mining	Steel

TYPES OF COATING

- Thermal Spray Coating
- Ferrous and Non-Ferrous Metal Coating
- Tungsten and Chrome Carbide Coating
- Ceramic Coating
- Self Fluxing “Spray and Fuse” coating
- Hard Facing Alloys coating

SOME SUCESSFUL APPLICATIONS

- Automotive Parts
- Bearing
- Cams
- Die
- Textile Parts
- Electronics Parts
- Food Processing Parts
- Foundary Patterns
- Gears
- Heat Sinks
- Hydraulic Cylinders
- Piston Roads
- Plastic Molds
- Printing Rollers
- Pump Sleeve
- Rotors
- Rubber Molds
- Shafts
- Slides
- Tappings



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Having a Master's degree in Chemical Engineering from the USA and having experience more than 25 years in the field of thermal spray coating.

Accurate Thermal Spray Pvt. Ltd. is a company managed by Mr. Nirav S. Mehta. He is having wide experience & knowledge in the field of surface modification coating on it.



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