

# HINDUSTAN PLATINUM

Reinforcing The Glass Industry

# Industries

We serve

Electroplating & Coating

Fertilizer, Industrial & Defense explosives,  
Caprolactam and Cyanide manufacturers

Glass Fiber and Glass Wool

Glass and Optical Glass

Man-made Fiber

Pharmaceutical and Chemical

Research and Analytical laboratories

Steel and Glass

Switchgear, Control gear, Automobile, Spacecraft,  
Elevator and Home Appliance

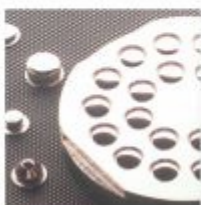
Thin Film Coating

Oil refineries, Petrochemical  
and all other industries

# Products

We make

- Precious metal Salts and Solutions
- Platinum / Rhodium Catalyst Gauzes
- Platinum / Palladium / Rhodium Catalyst Gauzes
- Palladium alloy Catchment Gauzes
- Platinum / Rhodium alloy Bushings
- Spinner Baskets
- Platinum / Rhodium alloy Stirrers
- Thimbles, Orifice Rings, Liners, etc.
- Precious metal Spinnerettes
- Cluster Spinnerettes
- Tantalum Filters and Spinnerettes
- Stainless steel Spinnerettes
- Precious metal Compounds
- Supported and Unsupported Heterogenous Catalysts
- Homogenous Catalysts
- Platinum Laboratory Apparatus
- Platinum and Platinum / Rhodium Thermocouple Wires
- Throwaway Tips
- Electrical Contacts and Profiles
- Brazing Alloys
- Precious metal Targets
- Recovery and Refining of precious metals





## Instrumental Analysis

## Multi-level Quality Assurance

As a responsible manufacturer of critical components, Hindustan Platinum employs various quality parameters to ensure stringent quality control at all levels of manufacturing. Beginning with the purity of raw materials, we also constantly validate our processes and monitor our final yields. With state-of-the-art facilities and continuously evolving technologies, we have an enviable track record of delivering perfection and precision to our customers.









## Clean Processes

A fully integrated effluent treatment plant, root zone system, rain water harvesting and stringent air quality control reflects our commitment to maintain our environmental responsibilities. Although we meet strict environmental regulations, our R&D team strives for continuous improvement of all processes, in particular, towards energy and water conservation. To state simply, we contribute to the economy, but not at the cost of the world's ecology.

# Hindustan Platinum & The Glass Industry

Hindustan Platinum is a manufacturer's manufacturer. Given that critical responsibility, we at Hindustan Platinum, constantly endeavor to meet our customer's requirement by way of high quality products, pricing advantage, protected technologies and timely deliveries. In addition to technology from Engelhard Corporation for manufacturing laser welded Bushings and from Corning Incorporated for the manufacture of cladded Stirrers, we also invest heavily in research and are constantly upgrading our systems.

With integration in mind, the range of our products for the Glass Industry is extensive and our back-end services, complete. Our platinum components find application in manufacture of TV Shells & LCDs, Bottles & Tubes, Tableware, Optical Glass and Glass Fiber. Our product range includes:

-  Feeder Systems
-  Stirrers
-  Thimbles
-  Drain Tubes
-  Orifice Rings
-  Liners
-  Platinum Laboratory Apparatus
-  Customized Fabrications








Cladded Stirrer



Co-planar Stirrer



For the Glass Fiber Industry, we make various Platinum / Rhodium alloy Bushings. These are:

-  Laser Welded Bushings
-  Glass Flow Bushings
-  Flow Control Bushings
-  Drain Bushings
-  Marble Melt Bushings

We also do Skimmer Block cladding and make Bubblers, Spinner Baskets, Thermocouple Wires, Level Probes etc.

We refine all precious metals and employ various advanced methods for checking purity, such as, absorption and emission spectroscopy. The choice of the method is judiciously made depending on the type of material. [Moreover, we have a complete Gravimetric Laboratory for testing metal purity.]

Completing the service cycle of refining, recovery and re-working, we provide metal management services by maintaining a metal pool for our customers to ensure continuity of production and supply. Hindustan Platinum has special licences from the Indian authorities for duty free movement of materials.



V-bottom Crucible



Open-ended Tubes



Flared Tubes

Established in 1961, Hindustan Platinum is a manufacturer of precious metal products with applications across a broad spectrum of industries. With more than five decades of experience, we, at Hindustan Platinum, have fine-tuned to perfection, various traditional and innovative high-yield technologies to produce high quality products.

Our indigenous technologies, coupled with technical collaborations with global industry leaders have equipped us to deliver excellence in quality, quantity and customer-centric services.

### Strategic Location

Hindustan Platinum's first plant was set up in the heart of Mumbai (formerly Bombay), the commercial capital of India. This was followed by the commissioning of an ultra-modern plant in 1999 amidst the verdant hills of Western Ghats in Navi Mumbai. This new plant, designed specifically to meet the growing global demand for our products and services, employs the latest manufacturing and process technologies. Proximity to the airports, both domestic and international, and the Sea ports are a major advantage for bulk logistics to and from our plants.

Innovation  
Tradition  
Research  
& Experience



Hindustan Platinum's Manufacturing Facility

# making history

2004  
Collaboration with  
Universalfor, Italy for  
cup-formed Spinnerettes

2005  
Commissioning  
of Phase III of our plant

2003  
Commissioning  
of Phase II of our plant

1999  
Commissioning of our  
plant at Navi Mumbai  
Phase I

1998  
Collaboration with  
Engelhard - CLAL  
for Bushings and  
Feeder Systems

1997  
Collaboration with  
Corning Inc.  
for Stirrers  
and other  
Platinum  
Components

1985  
Collaboration  
with Engelhard  
Corporation  
for Catchment Gauzes

1994  
Collaboration  
with Degussa  
for Knitted Gauzes

1996  
Collaboration  
with Engelhard -  
CLAL  
for Sputter  
Targets

1984  
Collaboration  
with Chugai of  
Japan for  
Electrical Contacts

1976  
Collaboration  
with Heraeus ends.  
Becomes family held

1961  
Equity & technical  
collaboration  
with Heraeus

1952  
Founded



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