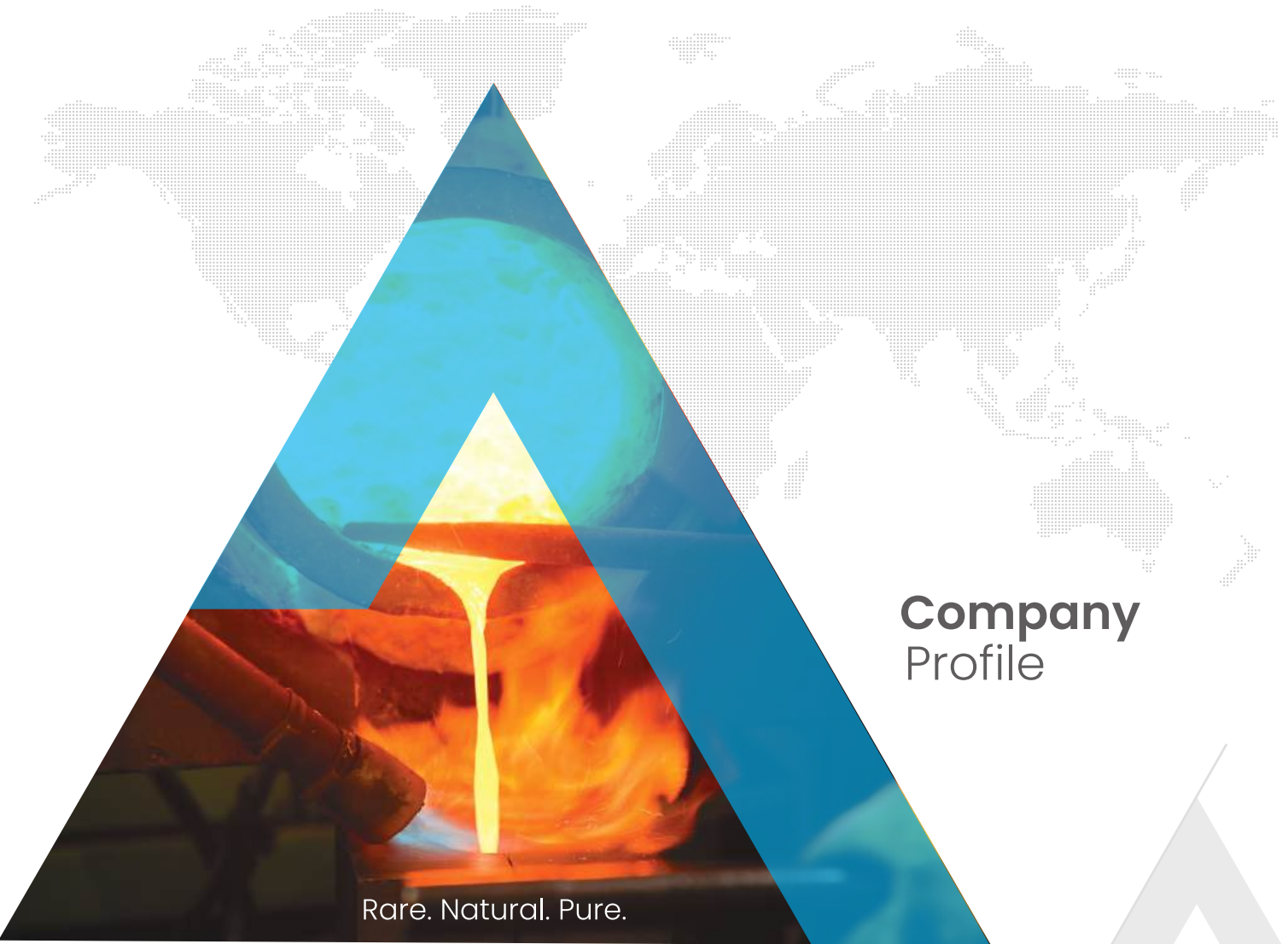




Hindustan Platinum



Company Profile

Enriching everyday life
through high-purity precious metals!

Since 1961



REFINING SERVICES | CATALYST & CHEMICALS | ELECTRICAL CONTACTS | NITRO TECHNOLOGIES | ENGINEERED PRODUCTS



Accredited Laboratory
TC-8930



LBMA
GOOD DELIVERY
REFINER



LONDON PLATINUM & PALLADIUM MARKET
GOOD DELIVERY REFINER



★★★
**EXPORT
HOUSE**



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Who Are We?

Hindustan Platinum at a glance

Established in 1961, Hindustan Platinum is a leading manufacturer and refiner of precious metal products and services that have a wide array of industrial applications. With an impressive legacy spanning over six decades, Hindustan Platinum is a specialist when it comes to refining precious metals and manufacturing precious metal products. We also provide a full spectrum of services that range from technical advisory to metal management.

Our drive for excellence, our perseverance to serve our customers' requirements, and our unflagging effort to build a global brand have enabled us to establish a customer base in over 50 countries across 5 continents. Supporting our global footprint are two subsidiaries in United Arab Emirates (UAE) and Puerto Rico.

- **Hindustan Platinum Private Limited, India**
- **Hindustan Platinum, DMCC, UAE**
- **Hindustan Platinum P.R. LLC, Puerto Rico**

We serve a diverse set of industries such as Oil Refining, Petrochemical, Pharmaceutical, Chemical, Agrochemical, Flavours & Fragrance, Fine & Bulk Chemicals, Fertilizer, Sodium Nitrite/Nitrate, Industrial & Defence, Caprolactam & Cyanide, Mining, Switchgear, Home Appliances, Automobile, Glass, Jewellery, Man-made Fibre, Research and Analytical Laboratories and others.

Over the years, we have honed our in-house capabilities and supply technologically advanced products and services to our clients. Today, our team of over 950 multi-cultural and diversified professionals is dedicated to developing innovative solutions that create value for our customers. The on-going production capacity expansion at our Navi Mumbai plant will further enable us to cater to the growing demand for our products and services across the world. Our manufacturing unit's proximity to major airports and seaports is another strategic advantage that enables us to better serve our global customers.

At Hindustan Platinum, we understand the responsibility of being a manufacturer's manufacturer and are committed to delivering excellence across our portfolio of offerings. We work with our global partners for new product development as well as for process engineering and value engineering projects. Our steady investment in R&D has allowed us to continuously innovate and hone our refining and manufacturing capabilities.





London Good Delivery

Hindustan Platinum's Navi Mumbai refinery is among a handful of companies world-wide to be listed on the London Platinum and Palladium Market (LPPM) Good Delivery List for Platinum and Palladium and on the London Bullion Market Association (LBMA) Good Delivery List for Silver.



Industries We Serve



Chemicals



Oil Refinery



Agrochemicals



Petrochemical



Glass



Pharmaceuticals
API & It's Intermediates



Industrial & Defence



Automobile



Switchgear /
Control Gear



Flavours &
Fragrance



Elevator



Home Appliances



Fertilizer - Nitric Acid



Man-made Fibre



Jewellery



Bullion

Executive Management

Hindustan Platinum's Executive Management is responsible for the strategic and operational direction and performance of the business.



Abhay S. Choksi
President



Dr. Vikram S. Choksi
Executive Director



Vishwas S. Choksi
Director



Gautam A. Choksi
Executive Director



Gaurav A. Choksi
Executive Director



Ashish S. Choksi
Executive Vice President



Sidharth A. Choksi
Executive Vice President



Vision 2025

To be a trusted brand, having a global imprint in its lines of businesses by creating value for all, through innovative and sustainable solutions.

Mission



Excellence

Constantly thinking creatively to bring continuous improvement in everything we do.



Customer

Partnering with and working towards enhancing customer experience.



Structured Approach

Strictly adhering to a systematic, data based and process oriented working style.



Environment

Protecting the environment and community by striving for zero waste.



People

Creating a performance-based culture and opportunities to meet individual career aspirations.



Infrastructure

Developing world class infrastructure by adopting the best technology to maximise efficiency.

Values



Collaboration

Extracting the best and most out of synergy.



Transparency

Being truthful and following the highest ethical standards.



Ownership

Building a sense of accountability, self-discipline and being proactive.



Broad Perspective

Developing an eye for detail, better self-drive and control.



Agility

Generating vibrancy in the whole system to increase effectiveness.



Responsiveness

Demonstrating utmost sincerity in dealing with customers both internal and external.

Portfolio of Products and Services

Refining Services



Industries:

- Oil Refinery
- Petrochemical
- Chemical
- Glass
- Jewellery



At the forefront of all our activities is refining. At Hindustan Platinum, we have a state-of-the-art precious metal refining facility, which enables us to handle a wide variety of precious metal bearing material.

Our primary sources include spent catalysts from Pharmaceutical, Chemical, Oil Refining and Petrochemical industries as well as precious metals bearing scrap from Automobile, Glass, and other industries.

Over the years, we have fine-tuned a variety of traditional and cutting-edge high-yield technologies to produce high-purity precious metals. Hindustan Platinum employs stringent quality checks to ensure accurate traceability at all levels of the process. The precious metals content in scrap or spent catalysts received from industries are the main feed stock for the refinery. Sampling and assaying are key elements of our recovery processes, whereby the precise metal content is determined for each lot of material received. The recovered metal is either returned to the customer, recycled into new products, or credited into a metal account.

Hindustan Platinum prides itself on the accuracy of its analytical abilities. Our NABL accredited laboratory is equipped with world class facilities, where a range of tests are performed on the samples, including gravimetric analysis, fire assay, titration, and ICP spectrometry.

In accordance with international standards, we refine and return the metal with a minimum guarantee of 99.95% purity. This can go up to up to 99.99% purity depending on the customer's requirement.

Catalyst & Chemicals



1. Supported & Unsupported Catalysts

Industries:

- Pharmaceutical – API & its intermediates
- Agrochemicals
- Flavours & Fragrance
- Fine & Bulk Chemicals



We are a leading manufacturer of precious metal catalysts that owing to their activity, selectivity, and recyclability, play a pivotal role in chemical industries. Our catalysts are abundantly supplied to the API industry and its intermediaries as well as to industries like Agrochemicals, Flavours & Fragrances, and Fine & Bulk Chemicals.

Our experience in manufacturing catalysts, combined with our commitment to meeting the specific requirements of our customers has resulted in technologies that have been perfected into an exact science. Moreover, our catalysts are subjected to stringent quality controls throughout the manufacturing process. We, therefore, assure better process yields, improved product quality and greater cost-effectiveness in production for our customers.

2. Precious Metals Salts & Solutions

Industries:

- Pharmaceutical
- Fine Chemicals
- Jewellery
- Automotive



Hindustan Platinum manufactures various precious metal salts and solutions which act as precursors for the production of homogeneous and heterogeneous catalysts.

In addition, we also supply precious metals compounds as per our customers' specific requirements.

Electrical Contacts



Industries:

- Switchgear / Control Gear
- Automobile
- Spacecraft
- Elevator
- Home Appliances



Products: Solid and Bimetal Rivets, Profiles, Riveted, Brazed and Welded Assemblies, Brazing Alloys, Silver based Wire and Sheets.

With our state-of-the-art manufacturing facilities in India and Puerto Rico, backed by world-class technology, we are the preferred supplier of silver and silver alloyed contacts for most of the leading names in switchgear and other industries across the globe. We manufacture contacts & contact materials for the low and medium voltage industries from simple shapes to complex geometries of the global standards.

We also customize them specific to the needs of global markets. To achieve this, we consider all the factors, from the magnitude of current and voltage, type of load, contact protection to frequency and speed of operations. We pay equal attention to the emission of gases and fumes on oxidation, foreign contaminants and impurities, temperature and humidity. Our efforts extend to reduce the cost of contact to the customer, without compromising on the quality and effectiveness of the product.



Silver Bimetal Rivets

Profiles

Contact Assemblies

Wires and Strips

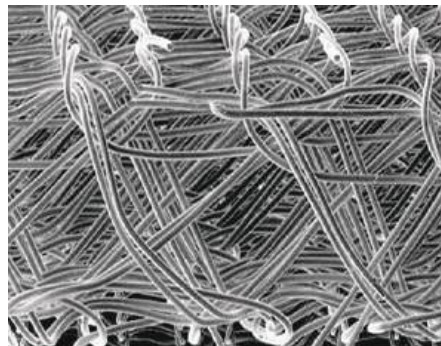


Nitro Technologies



Industries:

- Fertilizer – Nitric Acid
- Sodium Nitrite / Nitrate
- Industrial & Defence
- Caprolactam & Cyanide



Product: Precious Metals Gauzes

Hindustan Platinum started manufacturing platinum alloy catalyst gauzes in 1963 and palladium alloy getter packs in 1985. In contrast to conventional mass production, our flat-bed knitting technology has the flexibility to manufacture each catalyst gauze individually. This allows us to offer a smart portfolio of single and multi-structural catalyst gauzes that can be modified according to the customer's desired requirements.

Services:

1. Cleaning Operations

- Non-destructive Cleaning
- Destructive Cleaning

Hindustan Platinum also carries out destructive and non-destructive cleaning of equipment in the ammonia oxidation process downstream to recover precious metals by chemical and water-air based methods.



The essence of non-destructive cleaning operation lies in the mechanical, chemical, or water-air based methods treatment of the surface, so that maximum precious metals deposits on the exchangers can be removed and collected without affecting the life of the equipment. After carefully studying the plant design and operating parameters, we employ environment-friendly, customized, and optimal cleaning methods using plant specific equipment to ensure maximum recovery.

2. Plant Advisory

The Nitro Technologies department determines the performance of the catalyst and the process yield by assessing the environmental condition of every customer's process. This also includes the quality of the filtration of air and ammonia, or even the fluctuations in the process control.



The product installation and start-up procedures affect the development of an active and selective catalyst surface and thus the process yield of the entire campaign. Impurities cause a segregation of Platinum and Rhodium in a variety of phenomena depending upon the contaminant, which results in rapid aging of the catalyst and an increase in precious metal losses. A control mechanism that regulates the ammonia ratio not optimally matched to the mixed gas temperature prevents high yields.

Each process is characterized by a variety of factors that have a direct impact on the performance of the catalyst and its precious metal losses. To recognize these factors and thus optimize the performance of the catalyst, our products and services are integrated. A combined product-service package system covers the evaluation of the product installation procedure, start-up procedure, process/ product modeling and simulation, fault analysis and troubleshooting, and assessment of the control parameters.



Engineered Products



1. Laboratory Apparatus

Industry:

- Research and Analytical Laboratories

Products: Spatulas, Spoons, Combustion boats, Filter cones, Tipped forceps & Tongs, Triangles, Wire gauze, Foils and Microchemical apparatus allied products



We manufacture apparatus that is largely used in laboratories for analytical purposes. They mainly comprise crucibles, dishes, electrodes, and tongs. These are made from Platinum and its alloy with Gold and PGMs (Platinum Group Metals).

2. Spinnerets

Industries:

- Rayon Filament and Viscose Staple Fibre
- Acrylic Fibre

We supply precious metal Spinnerets to the man-made fibre industry. These are manufactured as per customers' requirements, with close tolerances of 0.5 micron in diameter.

We also manufacture cluster holder and tantalum filters for viscose staple fibre production, as well as stainless-steel cup and ring type spinnerets for acrylic fibre production.



3. Stirrers

Industry:

- Glass

Products: *Stirrers, Bowl wells, Thimbles, Drain Tubes, Liners, Laser welded Bushings, Sheaths, Bubblers, Level Probes, Orifice Rings.*



Hindustan Platinum manufactures both cladded as well as uncladded platinum group metal stirrers used in the glass industry. Our plant has the complete setup for manufacturing both evacuated and non-evacuated stirrers.

We also make complete feeder systems as well as individual components such as orifice rings, drain tubes, heating elements, bubblers, probes, thimbles, and thermocouple wires, etc.

4. Bushings & Spinner Baskets

Industries:

- Glass Fibre
- Glass Wool



Hindustan Platinum is a pioneer in laser technology and supplies high quality bushings to the Glass Fibre Industry. Our array of products include:

- Laser-welded Bushings
- Glass Flow Bushings
- Drain Bushing



5. Thermocouple Wire

Industries:

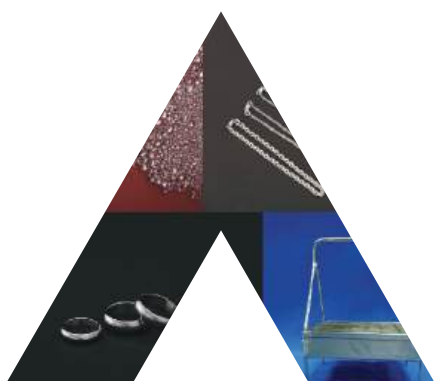
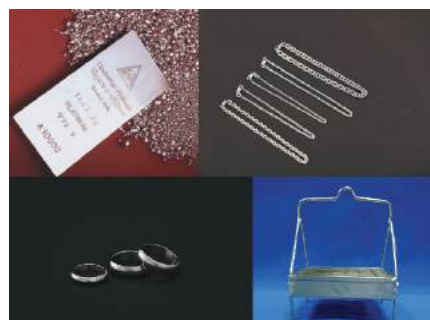
- Steel
- Glass

We manufacture platinum wires of uniform composition that are free from chemical and physical defects. The diameters of our readily available wires range from 0.025 mm to 5.00 mm. Since Platinum and its alloys are reliable sensing elements in high temperature measurement, we also make temperature sensing products that allow better process control and improve energy conservation. This includes thermocouple wires, resistance thermometers, throwaway tips, and alpha wires. Moreover, we supply precious metal sheaths, wherever necessary.



6. Jewellery

We are a Platinum Guild International (PGI) authorized supplier of Pt950 alloy in different compositions with Palladium, Ruthenium, Iridium, Copper, Cobalt etc. We are also authorized by PGI to supply different size of Pt 950 blank for rings and Pt 950 chains in roll form along with other allied Pt 950 for the Jewellery Industry.



Precious Metals Management

Hindustan Platinum has extensive experience in manufacturing precious metals products and providing related services, offering our customers the industry's most inclusive array of services for the entire precious metal lifecycle.



Whether its Gold, Silver, Platinum, or Palladium, our specialists create tailor-made solutions for our customers within the scope of customary price-hedging instruments such as outright buy and sell orders and working of limit orders.

We can provide metals in the form of bars, grains, or sponge, at most locations worldwide. We can also arrange for unallocated metal credit and loco swaps as required.

Hindustan Platinum's Navi Mumbai refinery is on the London Platinum and Palladium Market (LPPM) Good Delivery list for Platinum and Palladium and on the London Bullion Market Association (LBMA) Good Delivery List for Silver. As a result, bars manufactured by us are readily accepted by bullion banks and commodity exchanges around the world.





Our People

Our people are our greatest resource. We provide a work environment where our employees can explore their creativity, leverage their talents, and develop their skills, while maintaining work-life balance. We ensure that our people experience their work with pride and satisfaction and support them to realize their potential.

Hindustan Platinum is committed to adopting best-in-class industry standards in people practices across different levels of the organisation, with a strong focus on creating an inclusive culture. We were recently awarded several coveted recognitions for our unwavering commitment towards making Hindustan Platinum one of the most attractive places to work. Notable among these are the Indian Chemical Council's (ICC) Certificate of Merit for Excellence in Human Resource Management in the Chemical Industry and Asia's Best Employer Brand Award 2021.



Our Commitments

Employees' Health and Safety

At Hindustan Platinum, managing health, safety, and enterprise risk is a core responsibility.

As a Member of the British Safety Council, Hindustan Platinum has pledged to keeping people safe and healthy at work. We have always strived to integrate health, safety, and risk management in our corporate strategies, business practices, workplace culture, and employee behaviour. We see adherence to health and safety norms as a leading indicator of our overall business and operational performance.



Responsible. Sustainable.

Hindustan Platinum is more than just a business. It is a socially responsible business committed to positively impacting the environment and community. We believe that the world belongs to every living being. It is our duty to protect and nourish it for future generations.

One of the key elements of our Mission statement is “Protecting the environment and community by striving for zero waste”. We have pledged to implement sustainable business practices by embracing clean energy.

We consistently work towards developing and adopting solutions that are better for our planet. Over time, our constant efforts have brought us closer to our goals of becoming energy-positive and achieving zero-waste across our business units. Through investments in wind farms and solar parks, we generate more energy than we consume. In addition to meeting strict environmental regulations our R&D team strives endlessly to improve processes, with a particular focus on increasing water and energy conservation. Our commitment to clean energy and zero waste can be seen in our fully integrated effluent treatment plant, root zone system, rainwater harvesting facility, organic waste converter as well as stringent air-quality control and waste liquid neutralization processes.

We are dedicated to the social wellbeing of the community, especially the development of weaker and under privileged sections of the society. Various initiatives by Hindustan Platinum and its associate foundation – Choksi Charity Foundation focus on health care and sanitization, education, women’s empowerment, building facilities for senior citizens, environmental sustainability, promotion and protection of art & culture, sports, rural development, and disaster relief.





A Record OF Excellence

Operational Excellence

As a supplier of components that form foundational elements of our customers' products and processes, we are aware of our responsibility to adhere to the highest standards of quality. The flexibility to meet customer requirements and the ability to provide reliable products and services are the cornerstones of our business efforts.

We are aware of our commitment to our global partners and customers, our employees, our suppliers, and our environment. We are guided by the latest technologies and are constantly working on developing products that not only meet but surpass mandated quality standards and are energy efficient.

Adopting new technologies as well as continuously reviewing and improving our way of working yields benefits in terms of performance, efficiency, and safety.

Accreditations and Certifications

Over six decades, Hindustan Platinum has grown from being a quality precious metals refiner and fabricator to a comprehensive solution provider. In our unceasing endeavour to innovate, we have invested deeply in R&D to enhance our refining, manufacturing, and analytical capabilities.

1. NABL

Our Analytical Testing Laboratory has been recognised as NABL Accredited Testing Laboratory vide Certificate Number TC-8930. This accreditation enables us to issue test certificates with ILAC MRA Mark for high-purity Platinum, Palladium, Gold and Silver.



NABL - National Accreditation Board for Testing and Calibration Laboratories, is a Constituent Board of Quality Council of India. ILAC MRA Mark is registered as a worldwide mark and is owned by the International Laboratory Accreditation Cooperation (ILAC).

2. ISO Accreditations for Business Units

A strict emphasis on quality, integrity, and precision in all our business processes has ensured that all our Business Units are certified by the International Organization for Standardization (ISO).



Refining Services



Catalyst & Chemicals





Electrical Contacts





Nitro Technologies



Engineered Products



We are committed to create value for our customers.



Hindustan Platinum

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