



WORKS

Plot No. G-102,
UPSIDC Industrial Area Surajpur,
Site-5, Village Kasna,
Greater Noida-201310 U.P

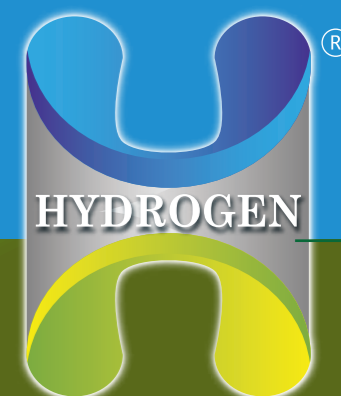


CORPORATE OFFICE

Hydrogen Gentech Private Limited
A-38H,
Sector-64 Noida-201301

HYDROGEN GENTECH PRIVATE LIMITED

RISING ALWAYS



Gentech(P) Ltd

HYDROGEN GENTECH PRIVATE LIMITED

Hydrogen Gentech (P) Limited (HGPL) – is a European technology based Hydrogen Generation plants manufacturer and supplier based in India. A company with a clear focus on Hydrogen Generation Purification & Recovery Technologies & its applications in Industry, Renewable Energy, Fuel and Mobility sectors.

SOME FACTS ABOUT HYDROGEN

Hydrogen gas is not available in independent form in nature on earth's surface. Hence it is to be extracted from various sources of Hydrogen. Two most significant sources of Hydrogen are - Water and Hydrocarbons (fossils).

- HGPL uses different technologies for the production of Hydrogen gas from Water and Hydrocarbons.

- FROM WATER
Through Water Electrolysis using Bipolar Technology (Green technology)
- FROM HYDROCARBONS
Through Steam Methane Reforming and Methanol Cracking

INTRODUCTION

Our Electrolysis Hydrogen Plants are based on proven technology and being modular in nature can be configured for a wide capacity and flow range.

An Electrolysis Hydrogen Plant will consist of Power Control Unit, Bipolar Cell Stack(s), H₂ Generation and Purification Units with PLC based Control Panel for ensuring Safe & Fully automatic operations while meeting International standards and parameters to generate Hydrogen with a purity up to 99.999%.

We also design, engineering & manufacture on-site Hydrogen plants on ex-turnkey basis from Hydrocarbons (NG-SMR & Methanol) for higher Capacities.

- HGPL has acquired and developed Bipolar Alkaline Water Electrolysis Technology from Europe and have built state of art manufacturing facility.

- HGPL is the first Indian private company having in house capability in Design, Engineering, Manufacturing, Assembly, Testing and Inspection of The Bipolar Electrolyzer based Hydrogen Generation plant

- We work on EPC/ Turnkey basis for Hydrogen, Nitrogen and Oxygen generation plants, Purification and Recovery Systems.

- Having independent fabrication workshop



ABOUT US

HGPL has developed efficient & reliable Bipolar Alkaline Water Electrolysis Technology based on a proven technology from Europe & have built State of Art Manufacturing Facility at Greater Noida, NCR Delhi region.

- 1800 sq m State-Of-The-Art manufacturing facility.
- ISO 9001 : 2015 certified workshop with capabilities of undertaking complex and heavy fabrication work
- In house preparation of nickel electrodes and cell assembly inside clean room.
- Test bench for in house testing of every electrolyzer.
- Instrumentation and Control components procured from reputed suppliers.
- We are the first Indian Private sector company having capability in indigenous Design, Engineering, Manufacturing, Assembly, Testing & Inspection of Bipolar Electrolyser based Hydrogen Generation Plant.

• HGPL HOLDS THE PATENT FOR ELECTROLYZER MANUFACTURING.

• HGPL is also a manufacturer and supplier, Hydrogen Generation Plants based Hydrocarbons i.e. Natural gas through Steam Methane reforming & Methanol cracking.

• Our products profile also consists of On-site Nitrogen generation plants Oxygen generation plants, Gas Purification systems and Gas Recovery system. Mainly for Hydrogen (H₂) Nitrogen (N₂) and Oxygen (O₂).

• We also offer solvent Dehydration and Recovery Units.

OUR EXPERTISE & EXPERIENCE

• The promoters of HGPL have an established name and reputation in the field of Gas Generation and Purification through PSA Technology under Technical collaboration with Carbotech AC GmbH.

• Having More than 25 Years Experience in Nitrogen Generation Plants, Oxygen Generation Plants, Gas Drying Systems and Gas Purification System.

• Hydrogen Systems (purity 99.999%) have been supplied by The promoters of HGPL to companies like LINDE, BARC, PRAXAIR and many more.

• Backed by a team of visionaries, engineers, technocrats and designers, HGPL has the objective of achieving customer satisfaction by serving their industrial needs through its technology and advancements in the fields of Hydrogen gas Generation and Processing.

VISION

“THE THING WITH HYDROGEN IS THAT IT NEVER SETTLES” With this motto, we also thrive to become a global leader in the field of Gas Generation and Purification Systems with focus on Hydrogen and its potential.

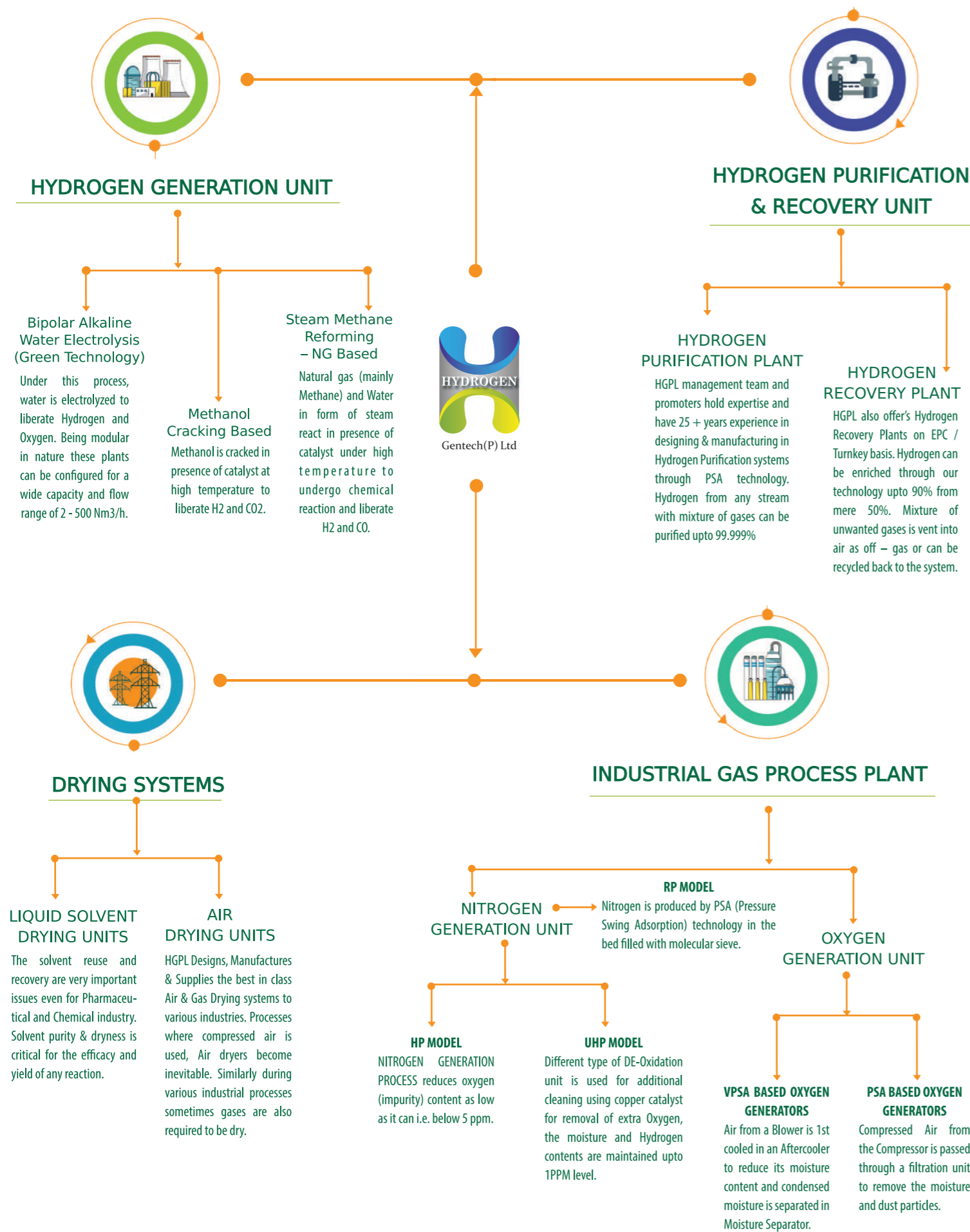
MISSION

To develop a range of Technologies related to On-site Hydrogen Generation, purification, Recovery, Compression, Storage and its Distribution. To accordingly set up Manufacturing and Assembly units to meet our Indian and global customer requirements.



PRODUCTS

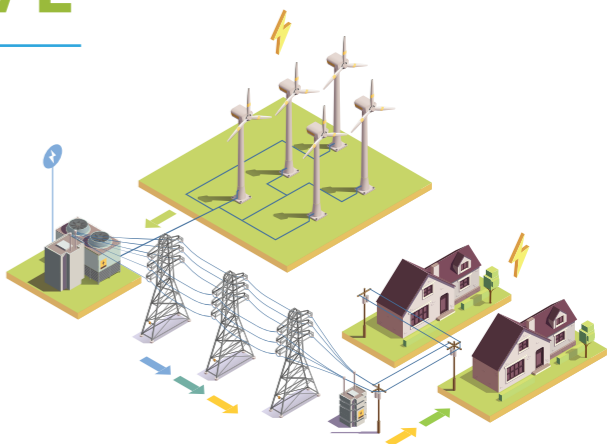
HGPL OFFERS HYDROGEN BASED PLANTS UNDER DIFFERENT CATEGORIES



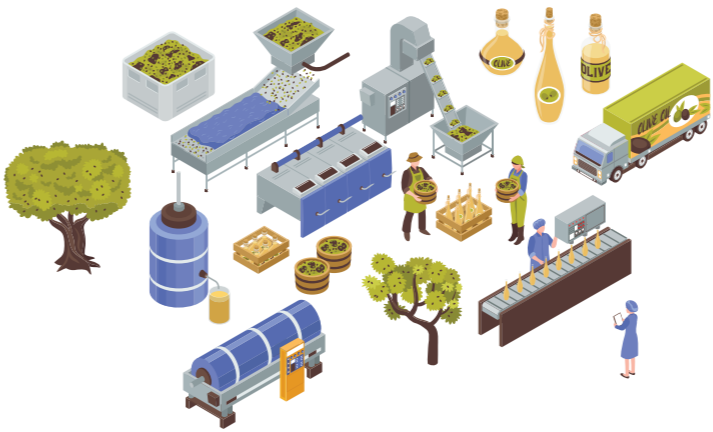
INDUSTRY WE SERVE



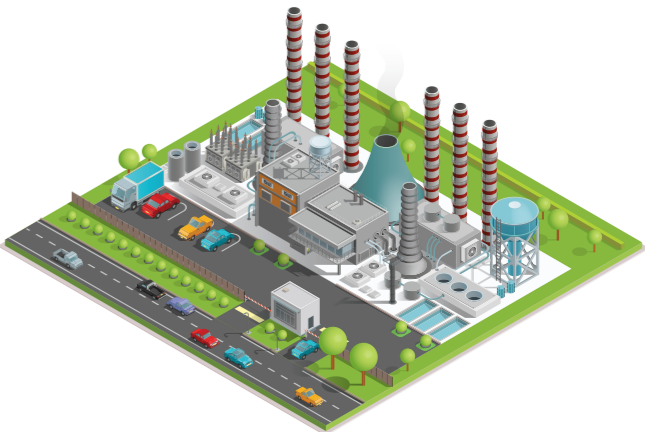
STEEL INDUSTRY



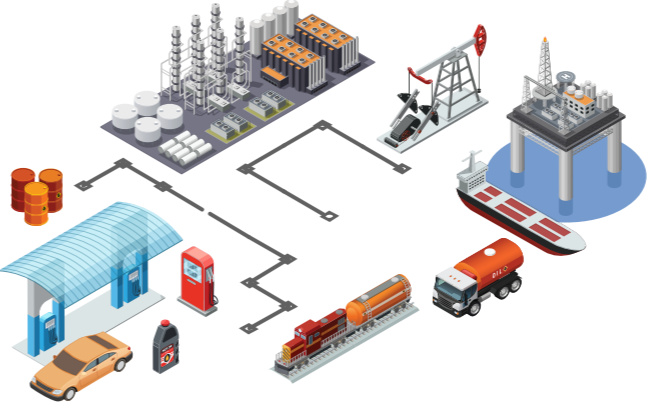
POWER INDUSTRY



FOOD & DRUGS INDUSTRY



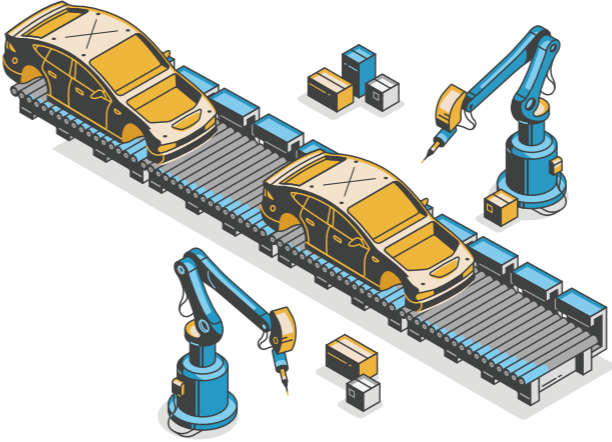
CHEMICAL INDUSTRY



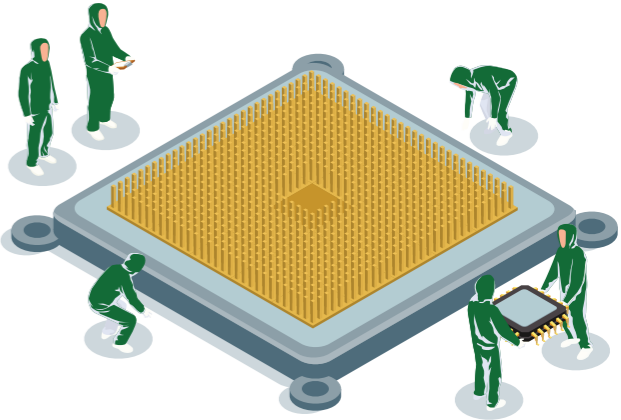
REFINARIES



GLASS INDUSTRY



AUTOMOBILE INDUSTRY



SEMICONDUCTOR INDUSTRY