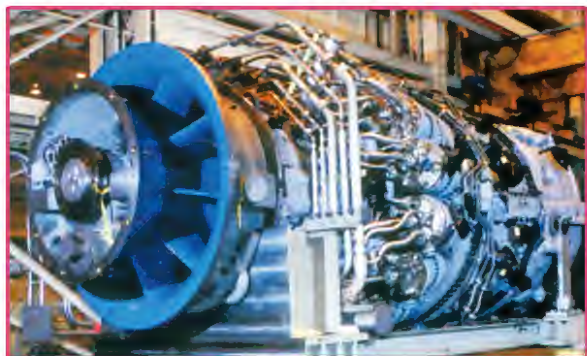


COMPRESSED HYDROGEN GAS (H₂)

CHG



We are always the first and so...

At GACL, we bring the premium quality products manufactured by the state-of-the-art technologies. Hydrogen Gas is manufactured by UHDE, German Technology, of Membrane Electrolyser. It is compressed to 150-kg/cm² pressure to fill in cylinders or cylinder banks.

EXCLUSIVE FEATURES

- High purity Hydrogen due to Membrane Electrolyser Technology
- Colourless & Odourless gas
- Mercury free

APPLICATIONS

- Organic Hydrogenation
- As a Fuel
- Catalytic Reduction
- Hydrochloric Acid Manufacture
- As a Reducing agent
- Ammonia Synthesis
- Hydrogen-fuel cells manufacture used in eco-friendly automobiles (abroad)

SPECIFICATIONS

Sr.	Characteristic	Specifications
I.	Purity (as H ₂)	% 99.50 min

Caution : Flammable limit in Air: 4 to 75 vol. %.
Explosive mixture with Oxygen.

ADVANTAGES

- GACL guarantees minimum 99.5% purity of H₂ as it is produced by Electrolysis.
- QCD is equipped with most modern instruments to analyze special test on request.

PACKING

- Cylinder (5,6 & 7 NM³)
- H₂ Cylinder Banks/Skids

PRODUCTION CAPACITY

- 30000 NM³/day at Dahej Complex at 150kg/cm² / 200kg/cm² pressure
- 1000 NM³/day at Vadodara Complex at 150kg/cm² pressure

CONTACT

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Promoting Green Technology

Gujarat Alkalies and Chemicals Limited

An IS-ISO Certified Company

(Promoted by Govt. of Gujarat)

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