GASTEK

GASTEK ENGINEERING (P) LTD.

INDUSTRIAL GAS GENERATION SOLUTIONS

TECHNOLOGY PARTNER

CarboTech, Germany

AMMONIA CRACKING UNIT

Hydrogen generation units based on cracking of ammonia in presence of nickel catalyst at 850°C. Composition: H_2 75% and N_2 25%. Optional purifier achieves zero traces of cracked ammonia and up to (-)70°C dew point.

SALIENT FEATURES

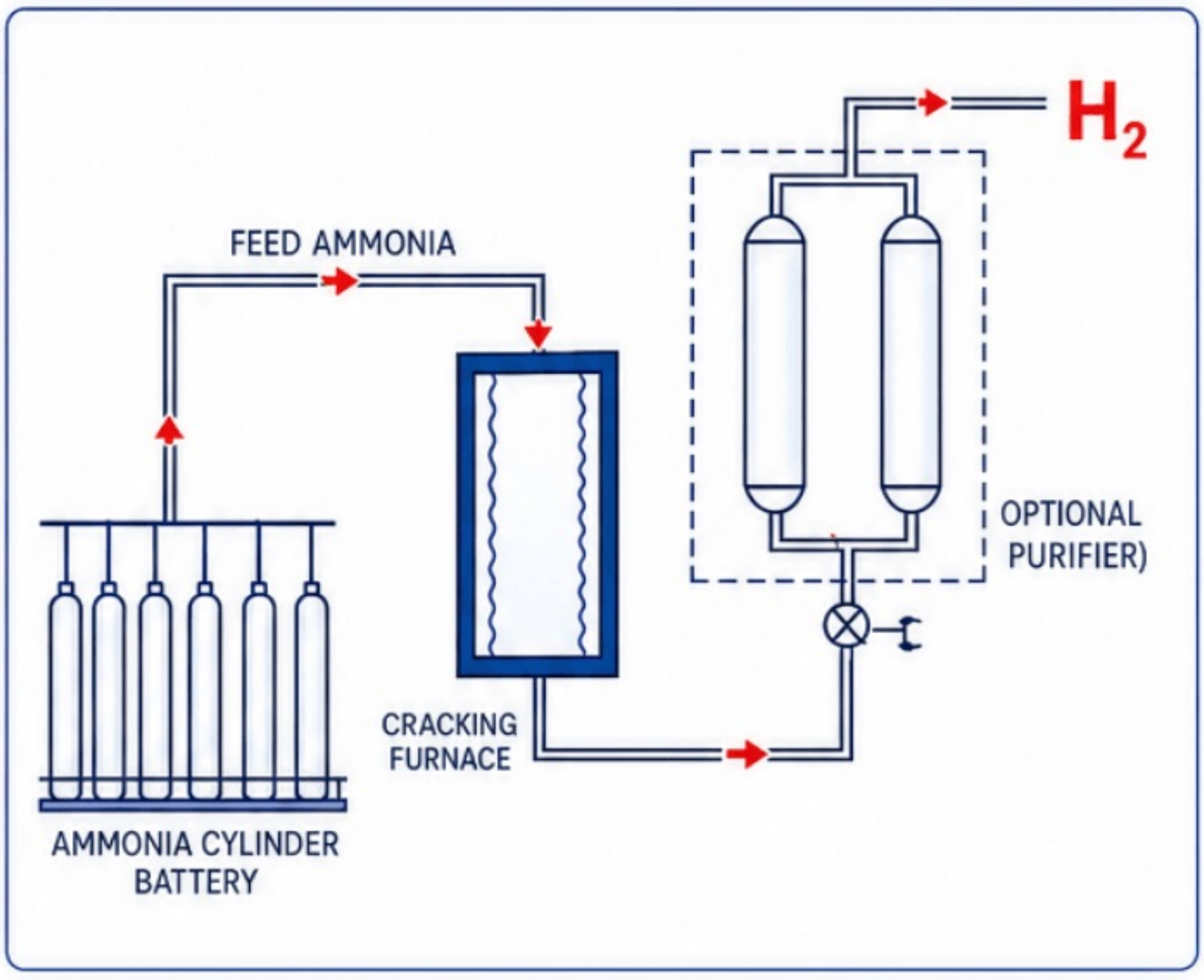
- Low capital cost.
- Low running cost.
- Virtually maintenance free.
- Capacities upto 200 Nm3/hr.
- Cost effective substitute for water electrolysis.
- Optional purifier for ultra dry gas.

USES

- Stainless steel wire annealing.
- Hydrogenation of castor oil / non edible oil.
- Metal powder annealing.
- Brazing furnaces.
- Continuous galvanizing lines.
- Sintered products annealing.
- Reduction in bulk drug.
- Heat treatment.

OTHER ACTIVITIES

- Heatless / Heated Air Dryers.
- Refrigerated Air Dryers.
- Exo Gas Generators.
- CCE approved Storage Tanks / Pressure Vessels.
- Modification & upgradation of existing Gas Generators.
- Gas Purification Units.



LOW OPEX
Low operating cost

QUICK START
Fast heat-up & quick start

RELIABLE
Proven & reliable operation

HIGH PURITY
Optional purifier for ultra dry gas

30+
YEARS OF ENGINEERING EXCELLENCE

500+
GAS GENERATION SYSTEMS INSTALLED

PSA NITROGEN • PSA OXYGEN • HYDROGEN • AMMONIA CRACKER

DESIGN • MANUFACTURING COMMISSIONING • AFTER-SALES SUPPORT

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ENGINEERING PURITY. DELIVERING TRUST.