

BRAND INDIA ENGINEERING E-CATALOGUE

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GASLAB ASIA an ISO Certified company, provides application oriented technology solutions for CO₂, N₂O and biogas, based on firm foundation of continual in-house and collaborative research along with decades of global experience. Our product range includes :- • Carbon Capture systems • Carbon Dioxide generation systems for beverage and water desalination industry • CIS ® range for advanced solutions for high efficiency pH control, and water treatment - CO₂ gas injection system (CISe®) and Carbonic Injection system (CISx®) • Carbon Dioxide recovery systems from flue gases, chemical reactions and geothermal sources. • Complete solutions for storage and transportation of Carbon Dioxide • High purity nitrous oxide systems for semiconductor, medical and food industry. • Biogas generation and enrichment units, including high grade Carbon Dioxide recovery • ASME U-stamped fabrication facility for pressure vessels and boilers. Standards like DIN, PED, CE and IS compliance also offered. GASLAB has successfully delivered more than 200 systems worldwide ranging in size and complexity. GASLAB R&D centre enjoys technical collaborations with leading engineering institutes in Europe and Asia Major markets of Gaslab are in Europe, Middle East, Africa, South East Asia and Gulf Countries. Gaslab has claimed many accolades for its contribution in engineering exports field.

Products Description

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Carbon Dioxide Generation Systems

Technical Details

CO2 systems generate high purity CO2 and offer solutions for fumigation, water desalination industries & green houses. CO2 can be generated from diesel, kerosene, natural gas, solid fuels and biomass.

ITC HS Codes

840590

Certification/ Standard

ISO 9001:2008

Issuing Agency

Bureau Veritas

Date of Issue

12-10-2014

Date of Expiry

11-10-2017

End Use Sectors

Food & Beverages sectors, Distillery/ Brewery, merchant Industrial Gases plants, process, Green

Product Images



Carbon Dioxide Recovery Systems

Technical Details

SSGLA Recovery systems recover odour free and high purity CO2 from ; - Distillery/ Brewery - Chemical processes like - - Calcium chloride manufacturing - Boiler flue gases, Geothermal sources. Capacity range from 50 kg/hr. - 5000kg/hr - Biogas Streams

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End Use Sectors	Industrial
Product Images	



Biogas Generation /CO2 Recovery Systems

Technical Details	Technology to enrich biogas to biomethane that can be used to replace natural gas and LPG with compressed biogas (CBG). Also allows recovery of Carbon Dioxide and spent biomass makes excellent fertilizer and can be further enriched
ITC HS Codes	840590
Certification/ Standard	ISO 9001:2008
Issuing Agency	Bureau Veritas
Date of Issue	12-10-2014
Date of Expiry	12-10-2017
End Use Sectors	Dairy Farms, large Agro Industries

BRAND INDIA ENGINEERING E-CATALOGUE

Product Images



Nitrous oxide systems (N₂O)

Technical Details

SSGLA's Nitrous oxide (N₂O) plants deliver high purity N₂O solutions for medical and semi-conductor industry. Low pressure systems incorporated with latest technology and most modern safety standards, are the hallmarks of SSGLA N₂O systems. The capacity ranges from 25kg/hr to 500 kg/hr.

ITC HS Codes

840590

Certification/ Standard

ISO 9001:2008

Issuing Agency

Bureau Veritas

Date of Issue

12-10-2014

Date of Expiry

11-10-2017

End Use Sectors

Semiconductor, medical & food industries

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Product Images



CO2 STORAGE TANKS /TANKERS

Technical Details

CO2 storage tanks are designed with most modern safety devices refrigerants and insulants which prevent even the smallest loss of gas by evaporation and liquid CO2 remains liquid for maximum period of time. Best kind of Low Temperature Steel is selected for construction and the tank is fabricated under internationally approved inspection agencies. In situ PU insulation and high reflective bright aluminum cladding provide the best insulation for our tanks. SSGLA tank systems are equipped with load cell / DP measurement system for displaying accurate quantity of CO2 in the tanks at all times. SSGLA tank systems are constructed in various standard sizes ranging from 900-100,000 kg. capacity of liquid carbon dioxide. SSGLA tank systems are fitted with refrigeration units, automatic controls and a pre-wired electrical system. Storage systems are also provided with high quality perlite vacuum insulation with all pipe work, valves and safety devices in case of client's requirement. Lorry Mounted CO2 Tankers & Long Distance Transportable CO2 Tankers SSGLA CO2 Transportation tankers are designed for efficient transportation of liquid CO2. The tankers are complete with safety fittings, filling hoses, transfer pump and a cabinet with lockable doors. Transportable tank is a storage tank which is ISO housed in a frame and can be put into a container. Tanks are suitable for transportation by road, ship or rail. These are vacuum insulated rigid tanks.

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Sectors of Interest

Oil & Gas, Renewable Energy, Power Generation, Water desalination, Food Grades & Beverages, Dairy & Agro Industries.

Is OEM Supplier?

Yes

Is After Sales Service Provider?

Yes

Importance of niche products

GASLAB provides complete suite of Carbon capture and sequestration technologies in order to protect ourselves from the potentially catastrophic effects of climate change.

Potential market of niche products

Africa, Gulf, Middle East, Far East, South East Asia, South Korea

Product Supply Record

CO₂ - Algeria, Kinshasa, Mozambique, Ghana, Iran, Saudi Arabia, Oman, Georgia, Malaysia etc. N₂O – Taiwan, Korea etc.

Patented Technologies

CO₂ sequestration Technology - patent applied for

Awards/Accolades

1. 'Award for Maximum Participation in Council's Promotional Activities' by EEPC since 2011-12 2. 'Best Performance in export of industrial gas plants' conferred by Business Sphere - 2015 3. 'Indian Exporters' Excellence Awards 2015' – ECGC & D&B - 2015 4. 45th EEPC INDIA REGIONAL AWARD (NORTHERN) FOR EXPORT EXCELLENCE FOR THE YEAR 2012-13 5. 46th EEPC INDIA NORTHERN REGION AWARDS FOR THE YEAR 2013-14 6. 'The Green Era Award for Sustainability' by Omac. Otherways Management Association Club, France, 2017 7. 47th EEPC INDIA Regional Award (Northern) for Export Excellence for the year 2014-15