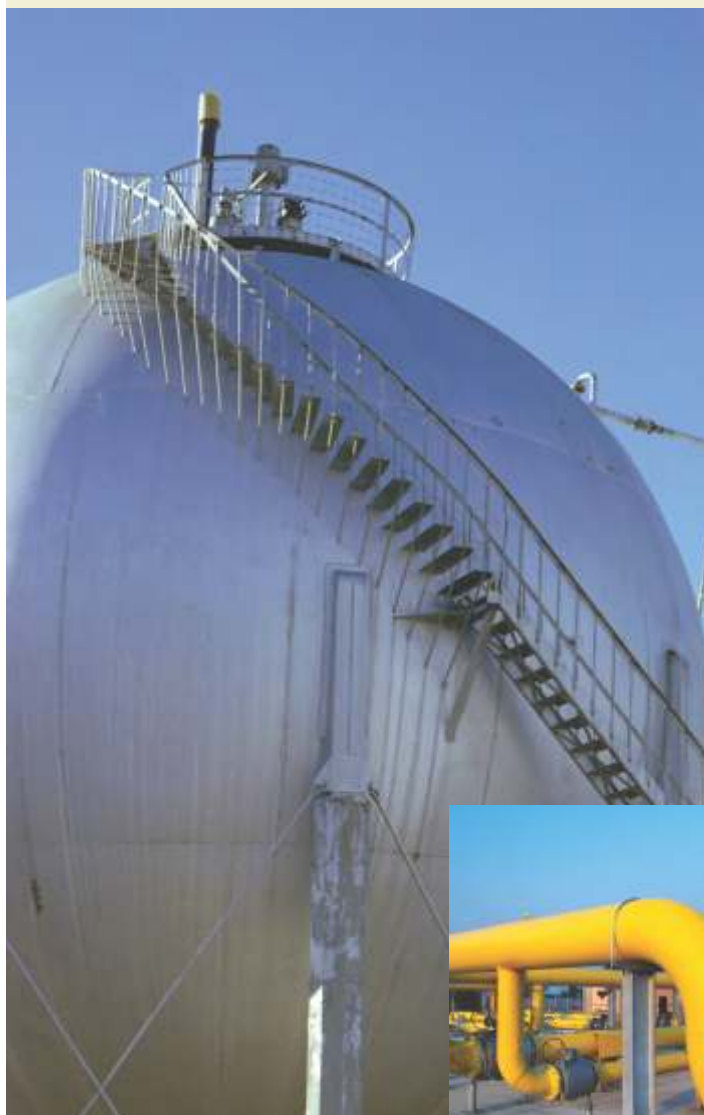


Installations to Integration
Serving the needs of the
**Hydro Carbon and
Energy Industry**



30 Years of
Glory

A Journey of Shared Vision

Globe Gas, an ISO 9001: 2008 certified company, initiated its humble journey 30 years ago as a modest Burner manufacturing company. To date the complete range of Burners manufactured by Globe Gas are in huge demand worldwide and are also approved by Indian Army. Understanding the ever growing need of bulk storage facilities for fuels like LPG, HSD, PROPANE and HFO made us venture progressively as an EPC solution provider. Globe Gas also serves the ever growing urban demand by conceptualizing and executing projects for residential piped gas to high rises, canteens, hospitals, sports complex and recreation centres & commercial facilities that have cooking centres.

Building on our capabilities, we strengthened our operations to deliver Semi-Automatic LPG Bottling plant and Automatic LPG Bottling

Plants, Fuel Dispensing Stations for Government and Private sectors in India and abroad.

Globe Gas has built a formidable specialization in executing turnkey projects from planning to commissioning as per IS Code and Explosive Rules & Regulations. We are approved by the Department of Explosive (PESO) Government of India and all the major oil companies. We have a PESO (Petroleum Explosives Safety Organization) approved fabrication shop for pressure vessels.

We, at Globe Gas, have a shared vision to emerge as the trusted partner to the Hydrocarbon and Energy industry. And over three decades of relentless hard work, unwavering focus and deep dedication to achieve our goals; we have emerged as the reliable partner to renowned national and multinational companies.





Gathering a Successful Momentum

Globe Gas has chronicled many a successes and achieved many a milestones in this journey spanning three decades to gain a steady momentum and growth trajectory. We have validated our core values and engaged with the constantly evolving industrial trends with diverse interests in the energy sector.

Investing in techno-vation, we design, manufacture and deliver customized tanks and vessels required for storage and transportation tanks of various liquids and gases like LPG, Propane, Propylene, Ammonia, Liquid Carbondioxide, Chlorine, Hydrogen, Nitrogen, Oxygen, Argon, Sulphur Dioxide etc. The fuels that we service are High Speed Diesel, Furnace Oil, Liquid Diesel Oil, Motor Spirit etc.

Our operations mechanisms are driven by precision, standardization and state of the art technology. Stringent quality control measures are adhered to while manufacturing these tanks. Our products conform to International

design standards like ASME SEC VIII DIV I & II, AD - MERKBLATTER, PD5500, IS2825. We also offer stage wise inspection of reputed third party inspection agencies like DNV, BVIS, TUV, LLOYDS and PDIL. We believe in delivering the best products that exceed our client's expectations.

The Complete Solutions Company

We are committed to our domestic as well as international clients on delivering world class products and services and that makes us work relentlessly towards achieving success in every project that we undertake. From planning to commissioning, our projects are executed with an art of perfection guaranteeing qualitative service and in-time delivery at all times. Our tie-ups with world leaders like BLACKMER, FISHER, ALTERNATE ENERGY instill the confidence of taking up challenging projects in diversified industrial sectors by bringing in the best and latest technology.



Global Presence



HQ Head Quarter
Mumbai, INDIA

- | | | | | | | | |
|---------|-------------|-------------|--------------|------------|---------------|-----------|-----------------|
| 1 Nepal | 2 Myanmar | 3 Sri Lanka | 4 Bangladesh | 5 Maldives | 6 UAE | 7 Oman | 8 Malawi |
| 9 Kenya | 10 Tanzania | 10 Tanzania | 11 Zambia | 12 Rwanda | 13 Mozambique | 14 Uganda | 15 South Africa |

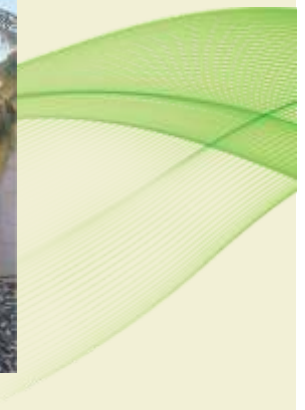
Brisk Forays into the International Markets

Globe Gas Equipments Industry Pvt Ltd is ever expanding and addressing the needs of the new world markets and tapping into their specialized requirements. We have made our presence felt across the markets in East Africa, Bangladesh, Nepal, Sri Lanka to Maldives with in hand projects of setting up LPG Terminals, Semi-Automatic and Automatic LPG Filling Plants and Containerized LPG Filling Plants. We also export High quality Propane / LPG Pressure Vessel and Engineering Equipments to select industries based in these nations.

We are the Channel Partners of BLACKMER in India, Sri Lanka and Maldives and have successfully achieved a steady sale for their Positive Displacement Vane Pumps & Reciprocating Compressors. We also represent FISHER (An Emerson Company) for their precise LPG regulator & Safety fittings and ALTERNATE ENERGY for their Synthetic Natural Gas Blenders (Air Gas Blenders). Our products are tagged with a worldwide reputation and are delivered with a signature service guarantee of Globe Gas which makes us a trusted name in the energy industry.

Our Accreditations:

We are approved and accredited for our products, processes and designs by the following organizations.
ISO 9001:2008 | PESO APPROVED FABRICATION
SHOP | CRISIL RATING | NSIC | IOCL | BPCL
| HPCL. Globegaz is also a member of ASSOCHAM /
FICCI / Bombay Chamber of Commerce & Industry.





LPG / PROPANE Storage and Handling Systems

From Assembly to Automation

Globe Gas specializes in complete end to end solutions from design, supply, erection, testing and commissioning of Above Ground, Mounded and Under Ground Tanks for Propane / LPG Storage and Handling Facilities, meeting all the required statutory regulation and norms. The complete assembly of the facility comprising of offloading, transfer pumps, vaporizers, pressure regulators, flow meters, product piping, fire fighting and sprinkler facilities is meticulously planned and executed with precision on site. Flow, pressure, temperature and level transmitters are installed on the storage vessels and product piping is undertaken. Loading / unloading arms, product decanting hoses are provided with the tanks for ease of operations. Complete automation of the Propane / LPG plants ensures better productivity and innovative control systems using minimal labour.

LPG storage is required on a large scale at an import or trans-shipment terminal, on an intermediate scale at depots, cylinder filling plants and large industrial consumers and on a small scale at household installations. We assemble Mounded and Under Ground facilities as per the standards mentioned in NFPA 58 and PESO guidelines. This reduces risk which is reflected in a relaxation of safety / separation distances. A comprehensive approach based on experimental tests and practical experience and using Hazard and operating studies (HAZOP) guarantees safeguards at every step of installation.

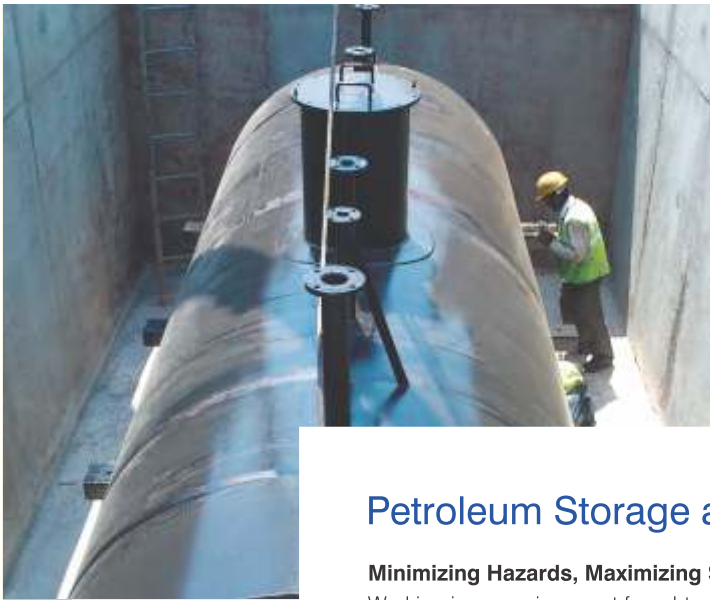
Safety First: A dedicated Team for Faults, Maintenance and 24 Hours Emergency Service

- Trouble shooting and maintenance for LPG Terminals, Storage tanks and plants, Auto gas filling station, LPG Vaporizers, Pumps and Reciprocating Compressors etc.
- Maintaining of emergency and operation spares at our warehouse
- Trained and expert team of technicians for customer calls
- Co-ordination of tests to be carried out by inspection agencies

Non Destructive Testing Procedures and Statutory Certifications

Non Destructive Testing Procedures and Statutory Certifications of Hydrocarbon storage and handling facilities are also offered by Globe Gas and services for:

- Auto LPG Stations
- LPG / Propane Bulk Terminals
- Radiographic Inspection (ASME Sec VIII Div 1 and Sec IX)
- Wet Fluorescent Magnetic Particle Inspection (ASTM-A-709 / T-700)
- Hardness Test (ASTM-E-110-89)
- Dye Penetration Test (ASTM-E-165-89)
- Ultrasonic Flaw Detection Test (ASME Sec VIII Div 1 App12)
- Ultrasonic Thickness Measurement (ASTM-A-4535-89)
- Hydro Testing (ASME Sec VIII Div 1)



Petroleum Storage and Handling Facilities

Minimizing Hazards, Maximizing Safety

Working in an environment fraught with hazardous risks, Golbe Gas has identified key factors and addressed them while designing Bulk Petroleum Facility. We have developed strict health and safety norms, engineered an incisive plan in technical and operational convenience, made assessments of risk and loss awareness and given priority to preserving the environment.

Petroleum can be stored in bulk in a tank constructed of iron, steel or any other material. The tanks are properly designed, erected and all its fittings are secured. They so constructed and maintained that it prevents any leakage of petroleum.

Generally all tanks of capacity exceeding 5,000 liters for the storage of petroleum Class C are surrounded by an enclosure wall or placed inside a pit. Such tanks are constructed and maintained to contain the maximum quantity of petroleum capable of being contained in largest tank within such enclosure or pit, without leakage.

Globe Gas specializes in Design, Erection, Testing and Commissioning of Petroleum Storage Tanks with Floating Roof Storage Tanks (API 650) and Fixed Roof Storage Tanks - Vertical under IS 803 and Horizontal under IS 10987 (Indian Standards).





Filling Plants and Cylinder Testing Facilities

Setting Facilities, Initiating the Process

Globe Gas specializes in executing EPC contracts for Fully Automatic and Semi-Automatic LPG Bottling Plants in accordance with the Oil industry Safety Directive on turnkey basis including the filling of first batch of 500 cylinders. The plants are supplied, installed and commissioned with the following features:

- LPG bullet installation (As per customer's requirement)
- Mechanical Scales
- Electronic scale models
- Carousel models
- Cylinder hydrostatic models
- Compact valve testing unit
- Cylinder dip testing units
- Chain conveyors and roller conveyors
- Cylinder inline washing and drying units
- Cold test repairing tools
- Hot air sealing machines
- PVC cylinder caps and aluminum seals



Our Channel Partners



Incorporated in 1903, Blackmer is the leading manufacturer of positive displacement pumps, centrifugal pumps and compressors for the transfer of liquid and gas products. Blackmer provides innovative product transfer solutions for the following markets: Chemical Processing, Soap & Detergents, Paint & Coatings, Liquid Terminals, Oil & Gas, Biodiesel, Refined Fuels, Liquefied Gases, Diesel Exhaust Fluid (DEF), Truck & Transport, Liquid Terminals and Military & Marine.





FISHER VALVES & INSTRUMENTS

Emerson Process Management delivers time-tested and innovative solutions designed to help customers reduce plant maintenance cost, reduce capital requirements, reduce cost of regulatory compliance, and increase process availability. This is enabled by world class products such as Fisher® control valves, regulators, instrumentation and performance services, which are the most reliable in the process control industry.

Industrial Application Segments



ALTERNATE ENERGY

Alternate Energy Systems Inc. is the leading manufacturer of LPG Vaporizers, LPG Vapor / Air Mixers (Blenders) and the complete systems for use as a standby plant, for peak shaving and as primary gas supply. In addition to LP and LP/Air Systems, AES also manufactures gas/gas blenders for applications such as Natural gas stabilization, Landfill gas replacement and backup, Digester gas replacement and enrichment, Coke gas replacement and backup and Air/ Nitrogen blending etc.

If the supply of NatGas is interrupted, these blenders produce a mixture of LP vapor and air with properties that are equivalent to those of NatGas. This allows users to continue using their NatGas equipment, without having to switch to equipment that can handle other fuel sources like diesel, fuel oil or coal. Commercial and Industrial users can take advantage of the year round steel discounts of NatGas, offered by their utility company.



Typical Touch Screen Operator Interface.
Siemens S7-1200 PLC with Ethernet Interface and DSLRouter.

Gas Burners



Torch Burner

Heavy duty, high pressure, torch-type flame throwing burner. Ideal for general heating, frying, Non-Veg cooking and other industrial uses.

MODEL NO.		M-35	M-22
Dimensions mm	Length Head	220	220
	Diameter	80	60
Optimum Working Pressure	kg/cm ²	0.3	0.3
	psig	4.5	4.5
Consumption Per Hour	kgs	1.58	0.9
	lbs	3.5	2.0
Rated Heat Output	Kcal/hr	17,650	10,100
	btu/hr	70,000	40,000



Cylinder Pigtail – Flexible

High Pressure hose with wire braided most convenient in fixing multi cylinder to manifold bank. Highly flexible and most durable. Fitted with 30mm Brass Nut with FECV x FECV Thread.



Cylinder Pigtail – Copper

Copper burner pigtail fitted with 3/8" BSPF Nut & Bullnose. Connections between Pressure line & Burners. Most durable and can withstand all weathers.

Fitted with 3/8" B.S.P.P.F Nuts and bull nose connections
Available in 12",18",24",30",36",42",48",60",72",length.



Controls, Valve & Regulator

Main line valve, manifold valve and high pressure regulator (LH & RH threaded)

3/8" B.S.P.T.M x 3/8 B.S.P.T.M.
3/8" x 3/8" B.S.P.T.M x Cu.
1/2" x 3/8" B.S.P.T.M x Cu.
3/8" x 3/8" Cu. x Cu.
1/2" x 3/8" Cu. x Cu.
1/2" x 3/8" B.S.P.T.M x 3/8" B.S.P.T.M



V-Burner

Heavy duty, ribbon type, ideal for Chappati, Dosa, Omlet, puffer plate hot cases, drying ovens, bain maries, tin-bath heating. Length available up to 3000mm available.

MODEL NO.		V300	V600	V900	V1200
Dimensions mm	Ribbon Length	300	600	900	1200
Optimum Working Pressure	kg/cm ²	0.3	0.3	0.3	0.3
	psig	4.5	4.5	4.5	4.5
Consumption Per Hour	kgs	1.58	1.58	1.58	1.58
	lbs	3.5	3.5	3.5	3.5
Rated Heat Output	Kcal/hr	17,650	17,650	17,650	17,650
	btu/hr	70,000	70,000	70,000	70,000



Cylinder Pigtail – 1 & 2

High Pressure hose with wire braided most convenient in fixing multi cylinder to manifold bank. Highly flexible and most durable, length available 72".

Launching “Mission Green”

Biogas plants

Globe Gas ventures in to Renewable Energy with the birth of Rockstone Infrastructure Pvt. Ltd. towards setting up Biogas plants on turn-key basis producing renewable energy from diversified sources like agro-waste, fruit & vegetable waste, kitchen waste and other biodegradable waste. We will offer consultancy to entrepreneurs looking for total solution on Biogas and those producing Bio CNG and ready to off-load the entire produce.

Our services will cover:

BIO CNG | Biogas Anaerobic Digester | Biogas Holder | Biogas Scrubbing | Biogas Purification | Biogas CO | Recovery | Biogas from Agro Waste

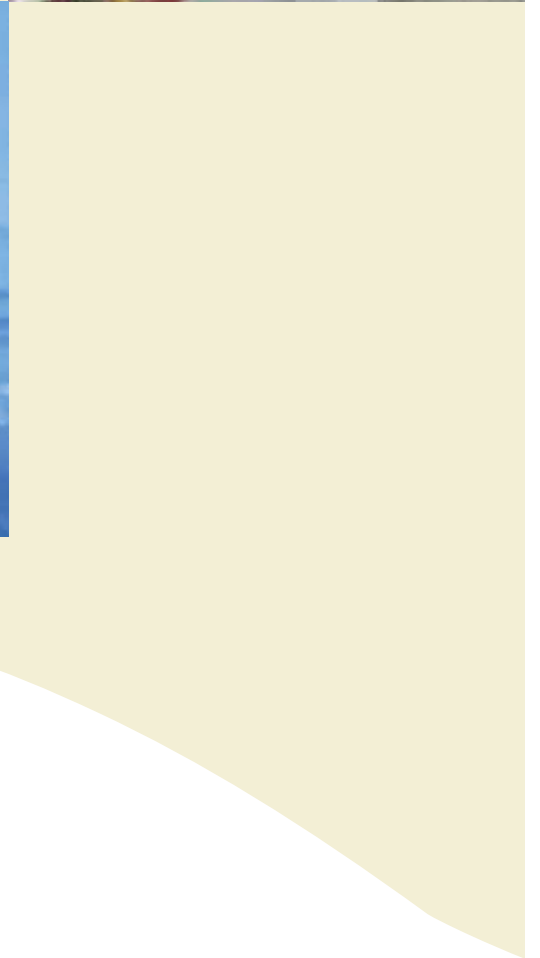
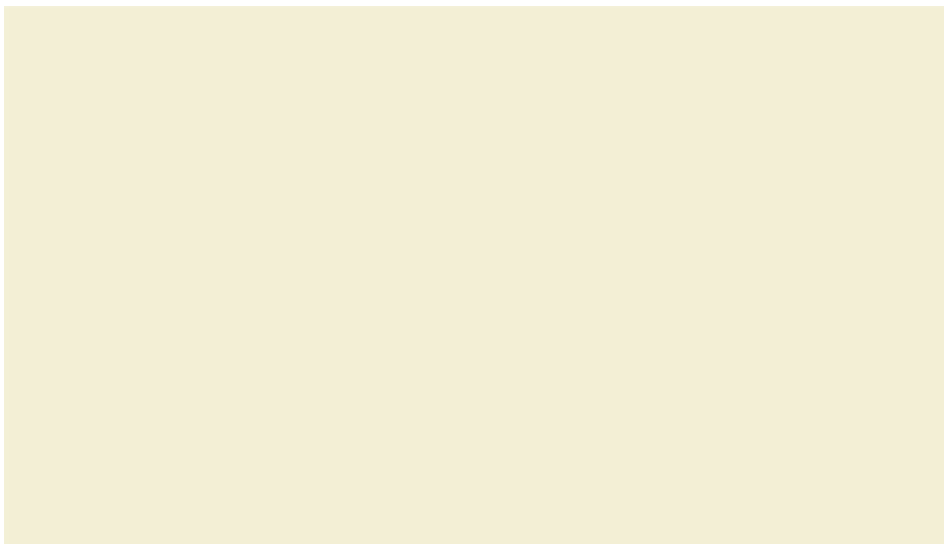
Municipal Solid Waste

The mountains seen in terms of municipal waste outside our cities are a serious health hazard that we have to address on a war footing if we are serious about safeguarding our climate, nature by recognizing our social responsibility.

We have all noticed the crisis; all we want is a workable solution. We have the solution and are ready to accept the challenge. With help from the authorities and local people this mountains of hazardous junk can be put to good use.



Towards creating a Greener Planet



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