





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)