

LPG TANKS

INDUSTRIAL & RESIDENTIAL

LPG Storage Tanks:

Manufacture of LPG storage tanks according to European Directive 2014/68/EU and with local regulatory requirements (on request). All models in the range are labelled according to ASME VIII Div.1.

Type & Capacities:

Capacity range from 1 to 200 m³, vertical and horizontal static models, for installation above or under ground, all sizes comes with central outputs, which may useful to establish the statutory safety distance in the installation.

Finishing:

The entire tank is shot-blasted before applying primer, followed by a white or black polyurethane topcoat depending on whether it is to be installed above or below ground. Special finishes are available such as 'thick coat' of polyurethane paint to the specific product like underground tanks.

Corrosion Protection:

Cathodic protection equipment for underground tanks consist of sets of sacrificial anodes and connecting cables with their corresponding terminals of suitable size for each model.



CAPACITY FROM 1 TO 200 M³ (CUBIC METER)

LPG SYSTEM - I

DISTRIBUTION SYSTEM



Pressure Reducing Station:

LPG Pressure management stations to work with inlet pressure of 2 to 17 Kgf/cm², outlet pressure of 0.5 to 2 Kgf/cm² with flow capacity from 10 Kg/Hr. to 500 Kg/Hr. with Pressure Reducing Valve, Pressure Gauge, Isolation Valve, Safety Relief Valve, Slam Shut of Valve, Ball Valve and Filter.



LPG Vaporizer:

Electric LPG Vaporizer, the liquid LPG is passed through a coil immersed into a hot water bath maintained at a temperature of 60°C and above, Electrical heaters are used to heat the water, heat is absorbed by the liquid LPG from surrounding hot water and it gets converted to LPG Vapour. Vaporizing capacity starts from 10 to 500 Kg/Hr.

LPG SYSTEM - II

DISTRIBUTION SYSTEM



Multilayer Pressure Piping:

LPG distribution pipe and tubes:

- Burst Pressure: 35~60 Kg/cm² Min.
- Pipe Ring Strength: 2300~3200 N Min.
- Long-term Hydro-static strength: 20~27 Kg/cm²
- Working temperature: -20~50°C
- Working Pressure: 4.0 Kg/cm²
- UV: stabilized and resistant.
- Approximate 50 Year of long working life.
- Hygienic, toxic free, no growth of micro-organisms.
- Easily bendable and never springs back.
- Rust free and scale free.
- Burning resistant.



Brass Alloy Fittings:

Brass Alloy fittings are made in optimized designs developed using latest forging techniques and distribute compressive forces in a uniform manner, through progressive shrinkage of cone-shaped olive. Seal housing with O-rings has been designed to come in direct touch with pipe. This system is based on the usage of standardized threads (GASISO) and spanners, helping them to connect with any system.



LPG SYSTEM - III

DISTRIBUTION SYSTEM



Smart Digital & Analog Gas Meters:

- Type: Smart Digital Prepaid and Analog Meters.
- Nominal Flow Rate: 1.6 M3/Hr.
- Maximum Flow Rate: 0.016~2.5 M3/Hr.
- Total PPressure Loss: ≤ 200 Pa.
- Operation Pressure Range: 0.5-30 kPa.
- Cycli Volume: 1.2 dm³.
- Minimum Recording Reading: 0.2 dm³.
- Maximum Recording Reading: 99999.999.
- Service Lift: 10 Years.



IC Card Reader & Software:

- With highest security measures, each Smart Meter assigned to work with each unique Pre-Paid Card, smart meter will not except any other Pre-paid Card, other then assigned..
- IC Card Reader to recharge the credit.
- Complete recharging software with facility to create new customers, recharging of customer IC card and reversing the charge, with history and usage log and consumption figures.
- Software training can be provided on request.

AVAILABLE ON TURNKEY BASIS