

LPG DISTRIBUTION SYSTEM

(AUTO GAS STATION, INDUSTRIES, SATELLITE PLANT & MOTHER PLANT)



One Stop Engineering & Technology Services

LPG ROAD TANKER



Standard: BS EN 13445

Capacity: 1. Road Tanker: 40m³(40,000ltr.)

2. Bobtail: 15m³ to 24m³(15,000ltr. to 24,000ltr.)

Operating Pressure: 10 Bar

Design Pressure: 17 Bar

Test Pressure: 26 Bar

Design Temperature: -20°C to +65°C

Manhole: DN – 400

Coating: Epoxy Primer Paint

LPG Pump: Sliding Vane

Flow Meter: Mass Flow Meter

Loading Hose: Flexible Hose with Flange

Level Gauge: Rochester, USA

Safety Relief Valve: Rego, USA

Valves and Fittings: Liquid Withdrawal Valve, Filling Valve, & Vapor In-out Valve

Corrosion Allowance: 1 mm (Standard)

Chassis Type: Can Be Single-Axle or Dual-Axle

Tare weight: 1. Road Tanker: 18.5 MT

2. Bobtail: 12 MT to 15 MT

Gross weight: 1. Road Tanker: 36.5 MT

2. Bobtail: 18MT to 25 MT

Safety equipment: Fire Extinguishers, First Aid Kits, and Other Safety Devices

Testing: Witness, Ultrasonic Test

Approved by: BUET, Department of Explosive

Certification: Testing Certification by Bureau Veritas

LPG BOBTAIL



CONCERNS



LPG STORAGE TANK FOR ROAD TANKER



Capacity: 20MT/40m³/40,000 ltr.
Standard: BS EN 13445
Design Pressure: 17 bar
Test Pressure: 26 bar
Design Temperature: -20°C to +60°C
Approved By: Explosive Department
ISO 9001: 2015 Certified
Design Approved By: BUET
NDT (Ultrasonic Test) By: Bureau Veritas
Hydraulic Test By: Bureau Veritas
Origin: Bangladesh

LPG STORAGE TANK FOR BOBTAIL



Capacity: 7.5MT/15m³/15,000 ltr.
12MT/24m³/24,000 ltr.
Standard: BS EN 13445
Design Pressure: 17 bar
Test Pressure: 26 bar
Design Temperature: -20°C to +60°C
Approved By: Explosive Department
ISO 9001: 2015 Certified
Design Approved By: BUET
NDT (Ultrasonic Test) By: Bureau Veritas
Hydraulic Test By: Bureau Veritas
Origin: Bangladesh

APPROVAL/CERTIFICATION/LICENSE





CORIOLIS MASS FLOW METER CG-50

- ✓ **LPG Flow Meter:** Mass flow, CG-50,
- ✓ **Max Flow Rate:** 60t/h
- ✓ **Nominal Diameter:** 50mm
- ✓ **MWP.:** 4MPa
- ✓ **Zero Stability:** 2.38kg/h
- ✓ **Repeatability:** 0.10%; Flange size 2"
- ✓ **Liquid Accuracy:** ±0.2%
- ✓ **Gas accuracy:** ±0.5%
- ✓ **Temp. Accuracy:** ±1°C ±0.5% of reading
- ✓ **Density Accuracy:** ±0.002g/cm³
- ✓ **Fluid Temperature:** -70~+160°C
- ✓ **End Connection Flange:** DIN2635 PN40
- ✓ **Operating Voltage:** 220VAC or 24VDC
- ✓ **Comm. & Output:** RS485 Modbus RTU, Pulse
- ✓ **G.W.:** 65kgs
- ✓ **Package Size:** 865*715*430mm
- ✓ **Certificate:** CE, ATEX
- ✓ **Origin:** Sealand, China

TRANSFER PUMP

- ✓ **Type:** Sliding Vane
- ✓ **Capacity:** 10 m³/h
- ✓ **Head:** 25 bars (Max.)
- ✓ **Working Pressure:** 1.8 MPa
- ✓ **Speed:** 600 RPM
- ✓ **Motor:** 5.5 kw
- ✓ **Working Temperature:** 120°C (Max.)
- ✓ **Flange Connections:** DN-50, PN-40
- ✓ **Temperature Range:** -20 °C to +120 °C



OUR SPECIALITY

- ✓ Pioneer of LPG equipment supply in Bangladesh.
- ✓ Quick delivery, Installation and after sales support.
- ✓ Uninterrupted technical support by skilled manpower.
- ✓ Explosive license for manufacturing of LPG storage tank in Bangladesh.
- ✓ Specialized for project management of LPG Autogas stations and Industrial LPG solutions.
- ✓ Successfully installed and commissioned more than 500 LPG Auto gas stations in all over the country.
- ✓ ISO 9001:2015 certified company for tank manufacturer in Bangladesh.
- ✓ Operation & maintenance support from all divisional/zonal office.
- ✓ Available ready stock of spare parts and machineries.
- ✓ Own LPG Distribution Systems.

OUR FACTORY FACILITY

BSCIC I/A BARISHAL



LPG TANK MANUFACTURING PLANT

LPG PRESSURE VESSEL

Production Capacity: 10 Pcs Per month

Tank Capacity: 10cbm up to 40 cbm
(10,000 ltr. to 40,000 ltr.)

Type: Aboveground, Underground & Mounded

Tank Orientation: Horizontal

Standard: EN-13445

LPG AUTO TANK

Production Capacity: 300 Pcs/month

Tank Capacity: 30 ltr. to 140 ltr.

Type: Cylindrical & Toroidal



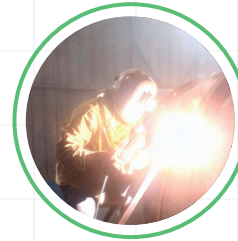
MEETING



ROLLING WORK



V-NOTCH CUTTING



Welding



UT TESTING

OUR CONTACT

Corporate Office

- SMET Services / Saad Motors Ltd
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www.smetservices.com

CONCERNS

