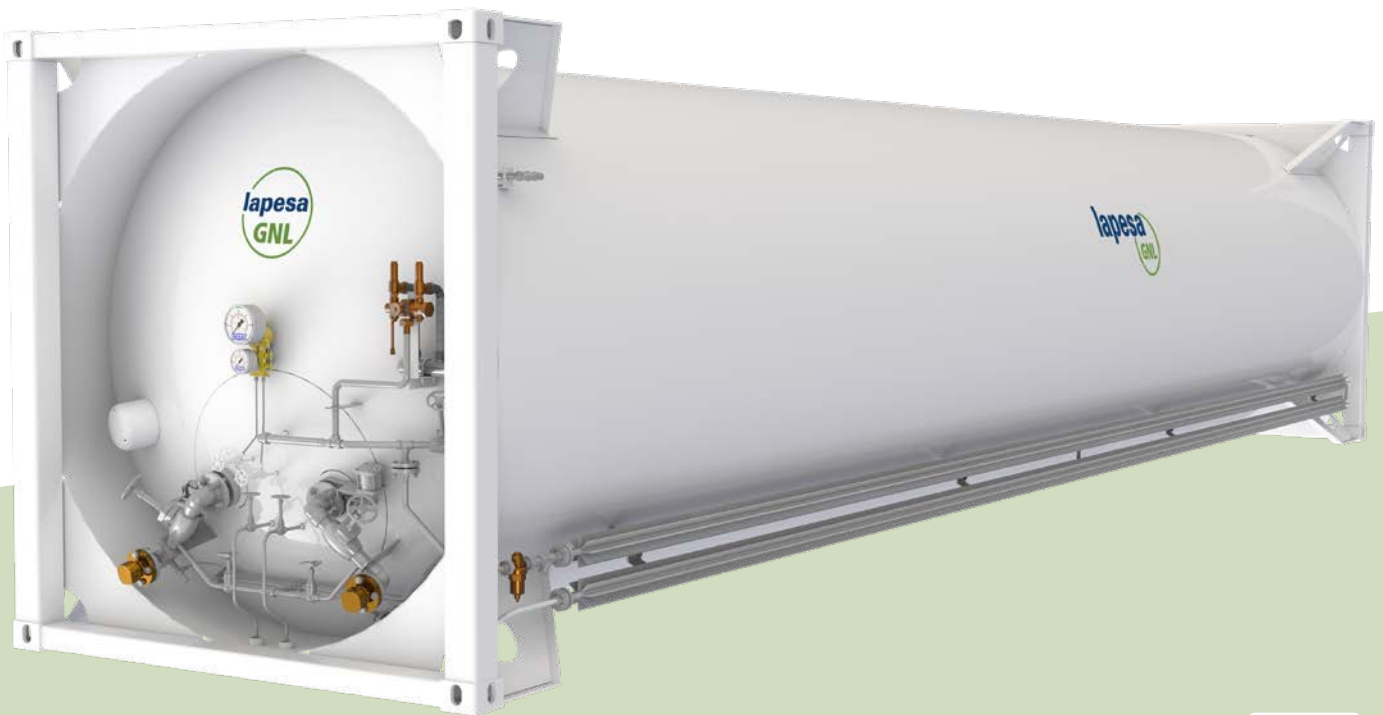


Cryogenic tank-container for transporting liquefied natural gas LNG (UN 1972), methane (UN 1972), ethane (UN 1961), ethylene (UN 1038), nitrogen (UN 1977), with cryogenic insulation, cryogenic vacuum insulation and non-compressible insulating material.



LTCC43

GENERAL FEATURES

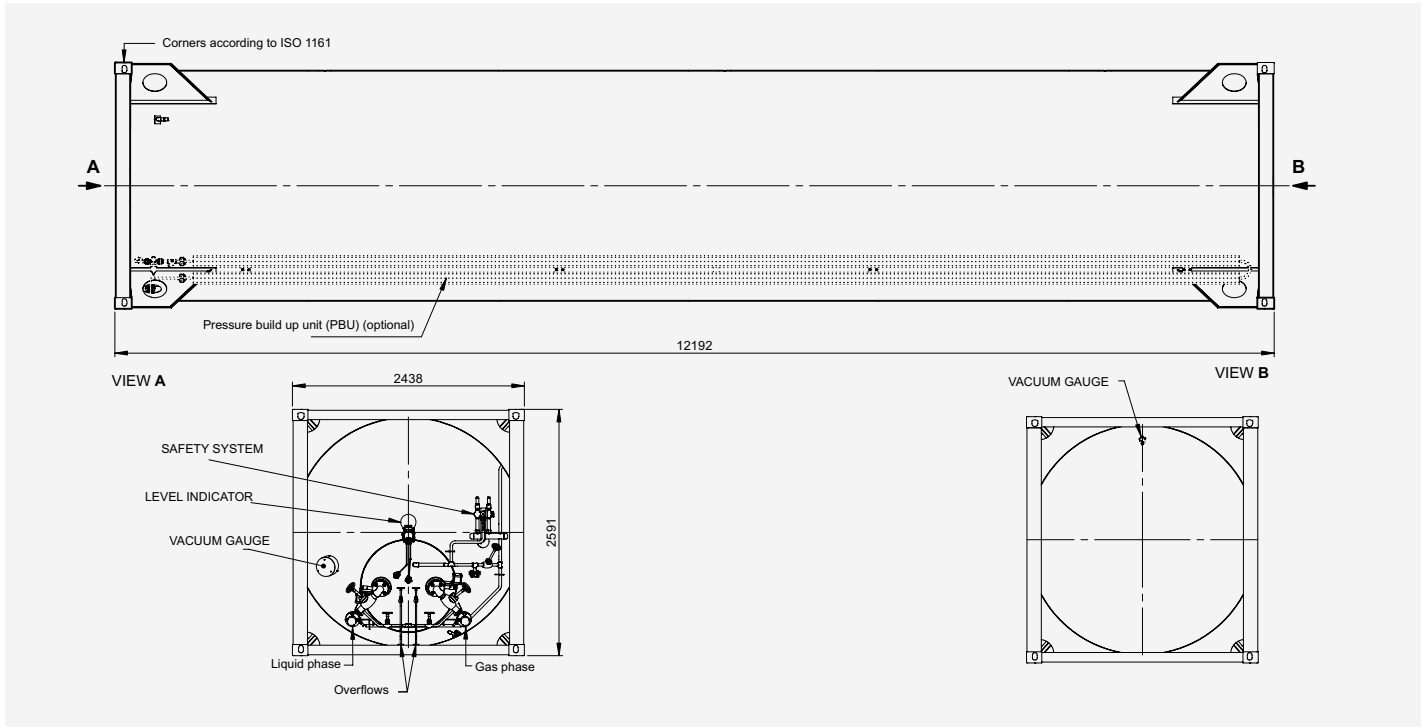
- Tank-container for transporting cryogenic liquefied gas.
- Multimodal transport (short sea journeys).
- Cryogenic vacuum insulation and non-compressible insulating material.
- For the transport of cryogenic liquefied gases: LNG (UN 1972), methane (UN 1972), ethane (UN 1961), ethylene (UN 1038), nitrogen (UN 1977).
- Container type: 1AA acc. to ISO 668.
- Apt for transport with partial load.
- Applicable European directives: 2010/35/EU (PI marking), 2008/68/EC.
- Standards applied: compliant with ADR2017, RID, ISO, CSC, IMDG, EN13530.
- Number of compartments: 1.
- Volumen nominal: 43,5 m³.
- Empty weight: 9.5 mt.
- Carga de GNL: 15,6 mt.

TANK DESIGN DATA

- DESIGN PRESSURE (ADR): 13.7 bar.
- TEST PRESSURE: 13.7 BAR.
- ALLOWABLE MAX. PRESSURE: 9.5 bar.
- DESIGN TEMPERATURE: -196 +50 °C.
- CONSTRUCTION CODE: ADR.
- ISO CONTAINER TESTS ACCORDING TO ISO, IMDG, CSC.

FINISHES

- PRIMER: Polyamide epoxy (60 microns).
- TOP COAT: White polyurethane (60 microns).
Total thickness: 120 microns.
- INTERIOR: Particle-free and dry.



EQUIPMENT AND FUNCTIONS

- LIQUID PHASE and GAS PHASE:
 - ENAGAS 2" type bronze connector with screw cap.
 - Shut-off valve, seat valve, manual valve, extended stem valve.
 - CAEN type pneumatic bottom valve with non-return.
 - Automatic safety valve between manual stopcock and cap.
 - Manual relief valve between manual stopcock and cap.
- OVERFLOWS: Two high-point pipes with manual valve (95% and 83%).
- SAFETY: Cryogenic safety unit with double valve and diverter.
- VENTING: Pipe for manual venting.
- LEVEL AND PRESSURE: Differential pressure level indicator. Samson or Wika type. Includes gas phase pressure manometer.
- EXTRA CONNECTION: Connection to fit pressure build up unit (PBU).
- SHUT-OFF VALVES: All manual valves are HEROSE type, cryogenic, extended stem valves.
- OPTIONAL PBU UNIT: The equipment can be supplied with the PBU fitted. A SAMSON type mechanical regulator is included.

