

Tanks for the supply of natural gas for vehicles at Service Stations, for CNG (compressed natural gas) and LNG (liquefied natural gas) or both at the same time.



GENERAL CHARACTERISTICS

- Tanks designed and adapted to the needs and characteristics of each individual supply station.
- Tanks adapted to the supply plant design, incorporating all the necessary outputs and connections for each function:
 - LNG connection.
 - CNG connection.
 - Pump returns, saturation return.
 - Extra connections for consumption at the station itself...
- Standard design pressure 18 bar. Other values of design pressure available upon request.
- PBU standard for consumption of 1000 Nm³/h at 14 bar.
- Tanks with "cold converter" or "thermosiphon" system.
- Compliance to norms ISO 16923 and ISO 16924, compliance to Gas Regulations.

(Optional) refrigeration coil to avoid boil-off.

Consult us about your project requirements!

EXAMPLE OF SCHEMATIC DIAGRAMS

VG1	Gas phase filling valve 1
VG2	Válv. llenado fase Gas 2
VL1	Liquid phase filling valve 1
VL2	Liquid phase filling valve 2
VIP	Aspiration pump pistons
VRP	Return pump pistons
VIS	Aspiration submerged pump
VRS	Return submerged pump
VDC	Return client depressurization
VEDL	Dispenser return
VRD	Dispenser return
VBOG	Connection Boil-off gas
VCS	Return submerged pump
VRESG	Reserve
VCP	Return pump pistons
VAC	Hot vent
VR90	Overflow 90%
PPR	Pressure Build-up Unit (PBU)
VEP	PBU inlet
VSP	PBU outlet (pneumatic)
VSP2	PBU outlet (manual)
VRA	Pressure regulator PBU
F	Filter PPR
IN85	Level 85%
IN90	Level 90%
IP	Manometer
vn	Level gate valve
re	By-pass valve
ri	Bottom level valve
rs	Top level valve
TP	Pressure transmitter
TN	Level transmitter
TT	Temperature transmitter
CS	3-way valve (safety)
VS	Safety valve - 18 bar
SL	Line safety valve - 25 bar
SL2	PBU safety valve - 25 bar
VA	Pressure relief valve
Pe	Casing safety device
TT	Temperature sheath
Tv	Vacuum connection
Mv	Vacuum gauge device

