

# Cryogenic ISO Tank Containers



## Features

- VACUUM WITH MULTI-LAYER SUPER INSULATION
- APPROVALS CCC, CSC, LLOYD'S REGISTER

OEG Offshore's cryogenic tank containers provide sustainability, safety and efficiency in the industrial gas supply chain network. Cryogenic tank containers are deployed in the liquefied natural gas (LNG) market for the following applications: storage, ship bunkering, cooldown of storage facilities, mobile fuel stations and virtual pipelines. OEG offer two capacities for sale and rental; 20ft and 40ft T75 cryogenic ISO tanks.

### Why use OEG Cryogenic tanks?

OEG's cryogenic tank containers offer 22 bar pressure, thus giving the capability to load and transport a wider range of liquified natural gas (LNG) products namely Nitrogen, Argon, Oxygen, CO<sub>2</sub>, N<sub>2</sub>O, LNG and Ethylene.

Our tanks are robust and flexible to use and offer optimal payload performances and innovative solutions.

Furthermore, our tanks are also fitted with pressure build-up units which can be augmented by additional skid-mounted pressure build up units (PBUs) to meet the challenges of unloading with sufficient differential pressure.

### Meeting international standards

Our cryogenic tanks comply with all international regulations such as RID/ADR, IMDG, ASME V111 DIV 1, US DOT CFR 49, TIR, TC, CCC, CSC, LR plus additional Australian National Registration and Malaysian DOSH-PMT.

# Cryogenic ISO Tank Containers

## 20FT 22 BAR UN T75 CRYOGENIC ISO TANK

Suitable for LIN / LOX / LAR / CO2 / N2O / Methane / Ethylene / Ethane / LNG.

Design code IMDG, ISO 1496-3, RID, ADR, ASME VIII, Div1., US DOT, DOT49CFR, TIR, TC, Australian Registration, DOSH.

Inner vessel is stainless steel with 2 stainless steel transverse plate baffles.

## 40FT 8.3 BAR UN T75 CRYOGENIC ISO TANK

Suitable for LNG / LIN / LOX / LAR / LC24H4 / LC2H6.

Design code IMDG, ISO 1496-3, RID, ADR, ASME V111, Div1., US DOT, DOT49CFR, CGA341, Australian Registration, DOSH.

Inner vessel is stainless steel with 6 Stainless steel transverse plate baffles.

OEG offers a new fleet of 20ft and 40ft T75 Cryogenic ISO tank containers to the industrial gas market from our global base network.

The tanks are specifically used for the transportation and storage of Class 2 refrigerated liquified gases. The cryogenic tanks are double wall vacuum with state-of-the-art multi-layered super-insulation specially designed with international approvals for products such as Nitrogen (LIN), Oxygen (LOX), Argon (LAR), Carbon Dioxide (CO<sub>2</sub>), Nitrous Oxide (N<sub>2</sub>O), Ethylene and LNGs with a higher working pressure of 22 bar.

Given OEG's commitment and presence in every continent, our dedicated staff are committed and trained to handle cryogenic tank containers.



OEG's cryogenic ISO tanks supporting CO2 storage in the North Sea.

Image credit: INEOS Energy and Project Greensand.

TYPE	WORKING PRESSURE	CAPACITY	EXTERNAL DIMENSIONS (L X W X H)	TARE WEIGHT	PAYLOAD	MAX. GROSS WEIGHT
20ft T75 Cryogenic Tank	22 bar	21,000 litres	6,058mm x 2,438mm x 2,591mm	8,900 kgs	27,300 kgs	36,000 kgs
40ft T75 Cryogenic Tank	8.3 bar	45,500 litres	12,192mm x 2,438mm x 2,591mm	12,200 kgs	21,800 kgs	34,000 kgs

E & OE: All dimensions and weights are accurate at the time of creation. Please check exact specifications of units when ordering.