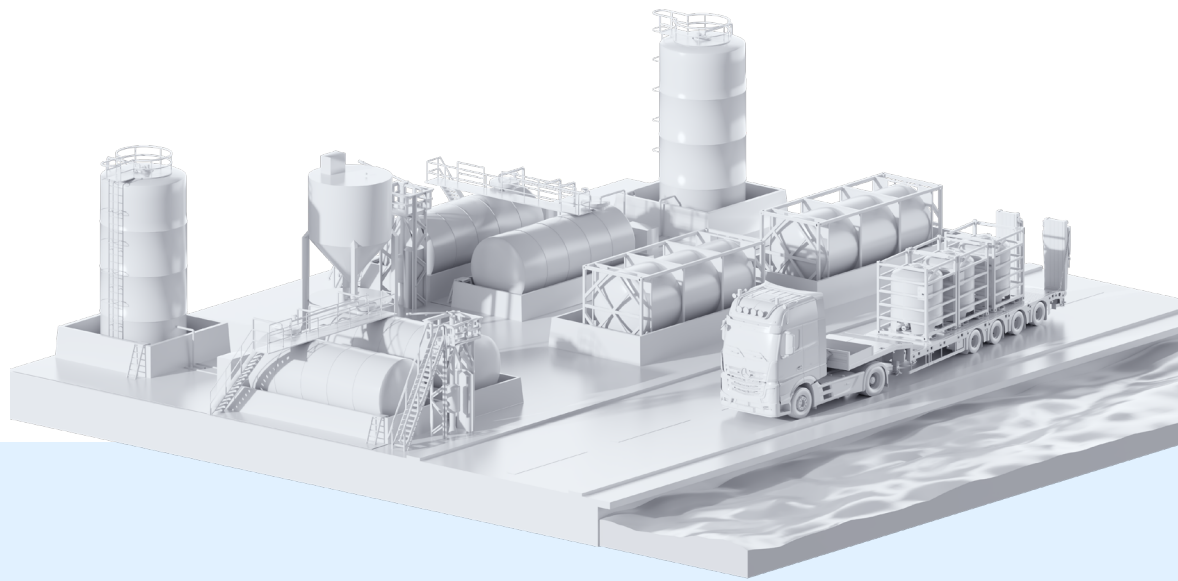


Cryogenic ISO Tank Containers

Solutions designed to drive forward
the offshore energy industry.



Cryogenics

oegcryogenics.com

Solutions for the safe
transportation and storage of
Class 2 refrigerated liquified
gases for industrial gas markets.



OEG Offshore's cryogenic tank containers provide sustainability, safety and efficiency within the industrial gas supply chain network. Cryogenic tank containers are used in a refrigerated, liquefied state for industrial gases, suitable for applications like bulk transportation, storage, plant cooldown facilities, mobile fuel stations, and virtual pipelines.

Why choose OEG Offshore's cryogenic ISO tanks?

OEG Offshore provide a new fleet of onshore 20ft and 40ft T75 cryogenic tank containers to the industrial gas sector from our worldwide base network. These tanks are specifically utilised for the transport and storage of Class 2 refrigerated liquefied gases. The cryogenic tanks feature a double wall vacuum with cutting-edge multi-layered super insulation and are specially crafted with international approvals for substances like Nitrogen (LIN), Oxygen (LOX), Argon (LAR), Carbon Dioxide (CO₂), Nitrous Oxide (N₂O), Ethylene and LNGs, boasting a higher working pressure of 22 bar.

Modern and high-specification tank fleet

Our skilled team is committed to helping clients meet their project requirements with our high-specification and continually expanding fleet of tanks, accessible from our international sites.

Operating at a pressure of 22 bar, our cryogenic tank fleet can load and transport a broader range of products, making them an ideal choice for the industrial gas market.

Our tanks are robust and versatile to use and offer optimal payload performance. Moreover, they are fitted with pressure build-up units (PBUs) which can be enhanced by additional skid-mounted PBUs to tackle the challenges of unloading with sufficient differential pressure.

Adhering to international standards

Our cryogenic tank fleet complies with all international regulations such as RID/ADR, IMDG, ASME V111 DIV 1, US DOT CFR 49, TIR, TC, CCC, CSC, Lloyd's Register plus additional Australian National Registration and Malaysian DOSH-PMT.

Technical Specifications

GENERAL

- Design code IMDG, ISO 1496-3, RID, ADR, ASME VIII, Div1., US DOT, DOT49CFR, TIR, TC, Australian Registration, DOSH.
- Approvals CCC, CSC and Lloyd's Register
- Inner vessel is stainless steel with 2 stainless steel transverse plate baffles.
- Vacuum with multi-layer super insulation

20Ft 22Bar UN T75 CRYOGENIC ISO TANK

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

Holding Times / Days:

MEDIUM	FILLING RATE											
	95%	90%	80%	73.45%	65.9%	72.17%	88.6%	88.18%	71.19%	70%	70.75%	70.55%
LO ₂	28	73	172	241								
LN ₂	14	42	103		219							
LAr	/	32	128			198						
LCO ₂	65.6	144	174				174					
LN ₂ O	46	124	140					140				
LNG	/	50	155						272			
LCH ₄	/	53	164							301		
LC ₂ H ₄	/	106	333								587	
LC ₂ H ₆	/	117	366									656

40FT 8.3Bar UN T75 CRYOGENIC ISO TANK

→ Suitable for LNG / LIN / LOX / LAR / LC2H4 / LC2H6.

Holding Times / Days:

MEDIUM	FILLING RATE					
	90%	89%	86%	60%	43%	35%
LO ₂					150	
LN ₂				120		
LAr						130
LCO ₂						
LN ₂ O						
LNG	70					
LCH ₄						
LC ₂ H ₄		140				
LC ₂ H ₆			90			

Special Note: Conditions original media temperature - 162°C and pressure at 0 pa



20ft cryogenic ISO tank containers



40ft cryogenic ISO tank containers

TYPE	WORKING PRESSURE	CAPACITY	EXTERNAL DIMENSIONS (L X W X H)	TARE WEIGHT	PAYLOAD	MAX. GROSS WEIGHT
20ft T75 Cryogenic Tank	22 bar 320 psi	22,000 litres 5,811 US gallons	6,058mm x 2,438mm x 2,591mm 20' x 8' x 8.5'	8,900 kgs 19,621 lbs	27,300 kgs 60,187 lbs	36,000 kgs 79,366 lbs
40ft T75 Cryogenic Tank	8.3 bar 120 psi	45,500 litres 12,020 US gallons	12,192mm x 2,438mm x 2,591mm 40' x 8' x 8.5'	12,200 kgs 26,896 lbs	21,800 kgs 48,061 lbs	34,000 kgs 74,957 lbs

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



Ontime, anytime, anywhere

We bring the best of size
and scale, combined with
bespoke solutions

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Canada
Guyana
Mexico
Suriname
Trinidad
USA

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Nigeria
Republic of the
Congo
Senegal
South Africa

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