

**TANK TYPE:
FULL FRAME T7 UN PORTABLE TANK, VERTICAL**



1. GENERAL PARAMETERS

1.1	Design Code	(In accordance with) DVN 2.7 -1, EN12079 horizontal tank in rectangular frame
1.2	Maximum Gross Mass	8,000 kg
1.3	Nominal Capacity	25 BBL (3975 litre nominal) ± 2%
1.4	Vessel Design Temperature	-20 to +70°C
1.5	Maximum Allowable Working Pressure	2.67 bar
1.6	Maximum External Pressure	0.21 bar
1.7	Test Pressure	4.0 bar
1.8	Tare Mass	2000 kg
1.9	Frame (length / width / height)	2200/2000/2475mm
1.10	Type Approvals	IMDG, ADR/RID, DNV 2.7-1, EN 12079, CFR 49
1.11	Cargo Carried	As permitted in the IMDG, ARD/RID for a UN portable tank Type T7

2. FRAME DETAILS

2.1	Padeyes	26mm hole for 6.5 tonne shackle
2.2	Slings	4-leg wire rope slings to DNV 2.7-1
2.3	Forklift Pockets	2 ogg 250mm wide x 150mm deep, 8mm carbon steel
2.4	Frame Material	EN 10219 S275 J2H on primary structure

3. TANK FITTINGS/ACCESSORIES

3.1	Safety Relief Valve	1 x 2 1/2" BSP pressure vacuum relief valve, c/w flame gauze, set pressure 3.3 bar, set vacuum 0.21 bar
3.2	Vent/Airline	¾" BSP vent connection c/w ¾" BSP street elbow 316 SS, 2 off Barrel nipples 316 SS, ¾" BSP ball valve 316 SS and drip cap with PTFE seal and captivating wire
3.3	Bottom Discharge	1 x 3" 45 Deg High-Lift Bottom Outlet Assembly, c/w 2" Ball-valve and 2" BSP Outlet Flange, c/w 1 x ¾" sample valve c/w extension pipe, ¾" ball valve, c/w cap
3.4	Walkway/Grating	To adequately cover all exposed fittings and thereby prevent slings or chains snagging per DNV 2.7-1, mild steel galvanised grating
3.5	Top Lid	Made in 2 halves from mild steel galvanised grating and designed to lie at appx 60° in fully opened position
3.6	Ladder	One ladder on side of tank
3.5	Document holder	1 off plastic document holder fitted with SS/rubber clips and SS fixings
3.6	Decals	One set of mandatory decals is fitted. Customer logo by client and applied by manufacturer. Decal lay-out as per client supplied.

4. DOCUMENTATION

	On completion of the tank:
	<ol style="list-style-type: none"> 1. Initial Inspection Certificate 2. Calibration Chart 3. Cleanliness Certificate 4. As Built Drawings



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