



ADR-RID-IMDG

**DO-SBC SERIES
STAINLESS STEEL
PORTABLE TANK
1100 LT**

SPECIFICATIONS

1.0 DESIGN SPECIFICATIONS

TANK TYPE	:	1150 mm long x 1150 mm wide x 1750 mm high
TOTAL CAPACITY	:	1,100 litres +/-2%.
TARE WEIGHT	:	700 kg Nominal
MAX GROSS WEIGHT	:	4,300 kg
DESIGN PRESSURE	:	4 bar
TEST PRESSURE	:	6 bar
VACUUM PRESSURE	:	0.4 bar
ADR CALC PRESSURE	:	10 bar
DESIGN TEMPERATURE	:	-20 to 100°C
APPROVALS	:	UN Portable tank incorporating IMDG, ADR and RID, EN 14025



THIRD PARTY INSPECTION : Turk Lloyd Register.

2.0 VESSEL

MATERIAL	:	EN 10028-7-2016 SS316L Stainless Steel.
SURFACE POLISH	:	Base 400mm of circumferential welds ground flush. Fillet welds on tank fittings ground smooth where necessary not coarser than 120 grit.
INTERNAL FINISH	:	Chemically cleaned, washed and dried. Purged with Nitrogen to -40 deg C dew point, and delivered with 1 bar nitrogen.

3.0 SUPPORT STRUCTURE

MATERIALS	:	EN 10028-7-2016 SS304.
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- FRAME DESIGN : Base of tank fitted with forklift pockets accessible from all sides. SS304 material.
- LIFTING LUGS : 4 off lifting lugs fitted to the top of the tank. SS304 material.

4.0 COMPONENTS

- 4.1) MANWAY : 520 mm bolt-down manway fitted to top of tank. SS316L material.
- 4.2) TOP FILL/DISCHARGE : 2" Batu Vana ball valve. Nozzle have suction tube. Ball valve handle to be yellow. SS316 material.
- 4.3) VENT : 2" Batu Vana ball valve. Ball valve handle to be Yellow. SS316 material.
- 4.4) RELIEF VALVE : NPT threaded Relief Valve relief valve set at 4.4 bar. Relief valve have CE certificate.
- 4.5) PRESSURE GAUGE : Bottom connection 1/2" NPT threaded Pressure Gauge used. SS316 material Pressure Gauge have 0-6 bar scale.
- 4.6) TEMPRATURE GAUGE : : Bottom connection G1/2"B threaded Temperature Gauge used. Steel material Temperature Gauge have -30/+60°C scale.
- 4.7) LEVEL GAUGE : 16-1 off Rochester 6480 level gauge with 1" dial fitted to manway.



5.0 CORROSION PROTECTION

STAINLESS STEEL	:	Single coat Hempel 1536 zinc rich epoxy
FRAMEWORK	:	Primer 40 micron DFT. Top coating 80 micron DFT Hempatex hi-build 4641. Color code RAL 1003.
SBC BODY	:	Single coat 50 micron DFT Hempel 5521 polyurethane. Color code RAL 1003.

6.0 MARKING

STATUTORY MARKINGS	:	Supplied and fitted by Daggaz.
DATAPLATE	:	Dataplate fitted to tank support skirt.
OWNERS LOGOS	:	Supplied by customer, fitted by Daggaz



COMPANY INTRODUCTION

Dağgaz, located in Kocaeli Arslanbey Organized Industrial Zone; It has been operating in natural gas, LNG, LPG, CNG, petroleum and petrochemical sectors since 2005. Our company supplies its products to its customers in Turkey and in many countries of the world, both as a manufacturer and as an authorized distributor.

In our company's product and service portfolio; ADR certified Portable Tanks, Chemical Injection Systems (As a Manufacturer), Gas Fragrance Systems (As a Manufacturer), Gas Odor Chemicals (As a distributor in Turkey, Central Asia and other countries), Odor Measurement Systems

(As a manufacturer), Odor Neutralizers (as a distributor in Turkey), Odor Removal Systems (as a Manufacturer), Specialty chemicals are transported in Turkey in accordance with the regulations.

In our customer portfolio;

There are urban natural gas distribution companies, LNG-LPG Distributors, LNG Facilities, Petrochemical facilities and Refineries.

OUR MISSION

To provide appropriate technical support to energy industries worldwide by meeting customers' needs at the right time and in the right place.



ITS STRENGTH COMING FROM FIELD EXPERIENCE



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