

TANK CONTAINER CONSTRUCTION CERTIFICATE

Manufacturer *GEA-KRUGERSDORP ENGINEERING (PTY) LTD., CHAMDOR, TRANSVAAL, R.S.A.	Certificate number JBG.310280/405
Purchaser OCEAN CONTAINER INVESTMENTS (PTY) LTD	Office JOHANNESBURG
Manufacturer's serial number 7119 - 08	Date 28 June 1995
Operator's serial number TOLU 947 485 - 1	
Type Approval number and C.S.C. Approval reference GB-LR 8062 - 4/94	

This is to certify that the tank container described below has been manufactured under survey in accordance with Lloyd's Register's Container Certification Scheme and the International Convention for Safe Containers.

Description 24 000 LITRE SINGLE COMPARTMENT STAINLESS STEEL TANK CONTAINER WITH 8 M² STEAM HEATING COIL. TANK AND COILS ARE INSULATED AND MOUNTED IN MAIN FRAME.
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TANK	
Code or Standard ASME VIII DIV. 1	Cargo **LIQUID AND HAZARDOUS
Dimensions: Length 6000 mm	Diameter: 2330 mm Capacity (actual) 23890 LITRES
Material: Shell DIN 17441 1.4404	Ends: DIN 17440 1.4404
Thickness: Shell 4,95 mm	Ends: 6,4 mm
Design pressure & temperature Tank: 4 BAR g & 93°C	Heating Coil: 6 BAR g & 130° C
Hydraulic test pressure & date Tank: 6 BAR / 25.05.95	Heating Coil: 9 BAR g & 130° C
Leak test pressure and date CARRIED OUT ON 25.06.95	
Pressure relief devices 2 x 63,5mm RELIEF VALVES	
	- Set pressure/vacuum: 4,4 BAR
	- Bursting disc nominal rupture pressure: -

TANK AND MAINFRAME			
Overall dimensions: Length 6058mm	Breadth: 2438mm	Height: 2591mm	
Maximum gross weight (R) 36000	kg: 79365	lb:	
Tare weight 4200	kg: -	lb:	
Maximum product load 31800	kg: -	lb:	
Stacking capability 192000	kg: 423320	lb:	
Stacking test load -	kg: -	lb:	
Transverse racking test load 15290	kg: -	lb:	
Longitudinal inertia test load N/A	kg: -	lb:	
Lateral inertia test load N/A	kg: -	lb:	
Drawing number(s) TC-1356-1/4 & TC-1356-3/3+4 & TC-1356 2/2+4			

Applicable Regulations: ASME VIII DIV. 1 AS APPLICABLE; UK DOT TYPE 1; IMO TYPE 1; US DOT; IM101; RID/ADR; AAR600; CSC; LLOYD'S CCS AND CUSTOMS CONVENTION REQUIREMENT.
Remarks: TANK DESIGNED AND TESTED IN ACCORDANCE WITH ASME CODE - EXCEPTIONS DIN MATERIALS USED IN CONSTRUCTION OF TANK SHELL. NO ASME CODE STAMP APPLIED.
Details of permanent marking attached: *** HARD STAMPING ON REAR LEFTHAND CORNER POST.
NOTE: PRESSURE RELIEF VALVES SET TO DISCHARGE AT 110% MAWP IN ACCORDANCE WITH IMO/DOT REQUIREMENTS.

* UNDER LICENCE FROM: WESTERWALDER EISENWERK GERHARD GmbH 57586 WEITFELD, GERMANY
 ** CARGOES ACCORDING TO APPROVALS.
 *** LLOYD'S TEST
 JBG.310280
 TP. 6.0 BAR
 7119 - 08
 05DBD95

D. DUNNING
 Lloyd's Register

D. Dunning
 D.B. DUNNING

Surveyor to Lloyd's Register

NOTICE - This certificate is subject to the terms and conditions overleaf which form part of this certificate.