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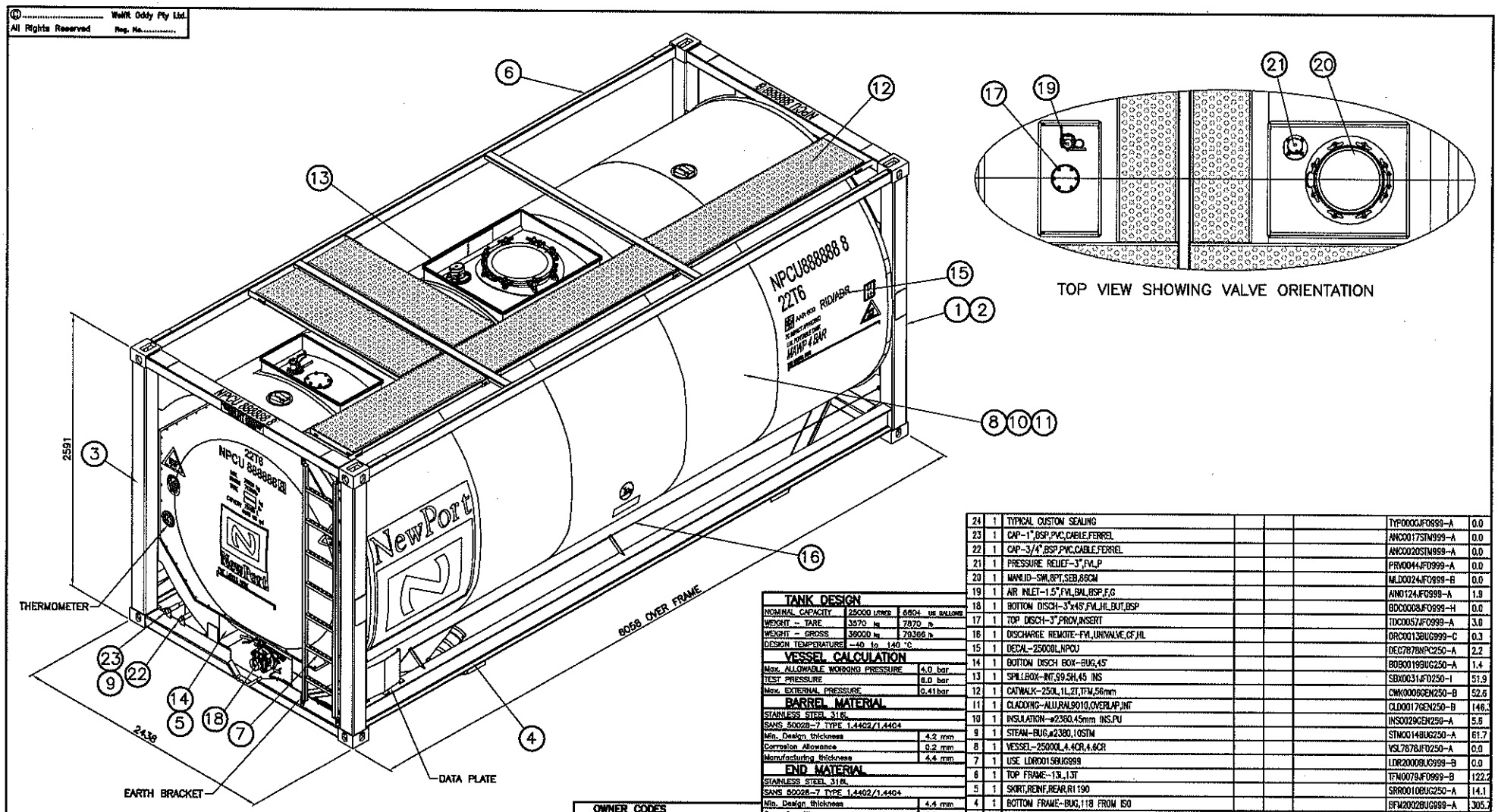

TOP VIEW SHOWING VALVE ORIENTATION

TANK DESIGN		
NOMINAL CAPACITY	25000 Litres	6604 US GALLONS
WEIGHT – TARE	3570 kg	7870 lb
WEIGHT – GROSS	39000 kg	79366 lb
DESIGN TEMPERATURE	-40 to 140 °C	

VESSEL CALCULATION	
Max. ALLOWABLE WORKING PRESSURE	4.0 bar
TEST PRESSURE	6.0 bar
Max. EXTERNAL PRESSURE	0.41 bar

BARREL MATERIAL	
STAINLESS STEEL 316L	
SANS 50028-7 TYPE 1.4402/1.4404	
Min. Design thickness	4.2 mm
Corrosion Allowance	0.2 mm
Manufacturing thickness	4.4 mm

END MATERIAL	
STAINLESS STEEL 316L	
SANS 50028-7 TYPE 1.4402/1.4404	
Min. Design thickness	4.4 mm
Corrosion Allowance	0.2 mm
Manufacturing thickness	4.6 mm

HEATING/COOLING SYSTEM	
TYPE	Steam
Max. ALLOWABLE WORKING PRESSURE	6.0 bar
TEST PRESSURE	9.0 bar
EFFECTIVE AREA	10 m²

INSULATION	
BARREL	Polyurethane panels, compressed wool over steam. Nominal thickness 45mm
ENDS	Polyurethane spray foam.

CLADDING	
BARREL	0.8mm WHITE PREPAINTED (RAL 9010) ALU. PANELS
ENDS	2.0mm WHITE PREPAINTED (RAL 9010) GRP PRE-FORMED PANELS

OWNER CODES		
CPA No.	745/7878/NEWPORT USA/25/B/111/3113	
SERIAL No.	B	38318 to 39387
OWNER CODE	NPCU	457001 to 457070
		458071 to 458080 (2008 Production)

APPROVALS
A.S.M.E. SECTION VIII Div. 1
UK DfT (IMDG)
UN PORTABLE TANK TYPE T 11
US – DOT
R.I.D. / A.D.R.
AAR 600
T.C. IMPACT
G.S.C.
U.I.C.
ISO 1496/3
BUREAU VERITAS
CUSTOMS CONVENTION

ITEM	QTY	DESCRIPTION	L	B	MATERIAL	PART NUMBER	Kg
24	1	TYPICAL CUSTOM SEALING				TYP0000JFO999-A	0.0
23	1	CAP-1",BSP,PVC,CABLE,FERREL				ANC0017STN999-A	0.0
22	1	CAP-3/4",BSP,PVC,CABLE,FERREL				ANC0020STN999-A	0.0
21	1	PRESSURE RELIEF-3",FVL,P				PRV0044JFO999-A	0.0
20	1	MANJD-SWL8PT,SEB,86CM				MLD0024JFO999-B	0.0
19	1	AIR INLET-1.5",FVL,BAL,BSP,F,G				AIN0124JFO999-A	1.9
18	1	BOTTOM DISCH-3"x45",FVL,HL,BUT,BSP				BDC0008JFO999-H	0.0
17	1	TOP DISCH-3",PROV,INSERT				TDC0057JFO999-A	3.0
16	1	DISCHARGE REMOTE-FVL,UNIVALVE,CF,HL				DRC0013BUG999-C	0.3
15	1	DECAL-25000L,NPCU				DEC7878NPC250-A	2.2
14	1	BOTTOM DISCH BOX-BUG,45°				BOB00199BUG250-A	1.4
13	1	SPILLBOX-INT,99.5H,45 INS				SBX0031JFO250-I	51.9
12	1	CATWALK-250L,1L,2T,TFM,56mm				CWK0006GEN250-B	52.6
11	1	CLADDING-ALU,RAL9010,OVERLAP,INT				CLD0017GEN250-B	146.3
10	1	INSULATION-ø2360,45mm INS,PU				INS0029GEN250-A	5.6
9	1	STEAM-BUG,ø2380,10STM				STM0014BUG250-A	61.7
8	1	VESSEL-25000L,4.4CR,4.6CR				VSL7878JFO250-A	0.0
7	1	USE LDR0015BUG999				LDR2000BUG999-B	0.0
6	1	TOP FRAME-13L,13T				TFM0079JFO999-B	122.2
5	1	SKIRT,REINF,REAR,R1190				SRR0010BUG250-A	14.1
4	1	BOTTOM FRAME-BUG,118 FROM ISO				BFM2002BUG999-A	305.7
3	1	END FRAME REAR-CHEEK PLT SUPP				EFR2000BUG250-B	329.3
2	1	END FRAME FRONT-CHEEK PLT SUPP				EFF2000BUG250-B	431.5
1	1	FRAME ASSEMBLY-6058x2438x2591			2MM, 3CR12	FAN7878BUG250-A	9.8

TOLERANCE UNLESS OTHERWISE STATED

LINEAR	0 to 30	31 to 200	201 to 1000	1001 to 2000	2001 to 4000	ANGULAR
	±0.5	±1.0	±1.5	±2.0	±2.5	±0.5°

UNAUTHORISED REPRODUCTION AND/OR USE OF THIS DRAWING AND IT'S CONTENTS ARE STRICTLY PROHIBITED.

REV	DATE	REVISIONS	BY
4	8/05/07	As Built	DB
3	8/05/07	Item 16 now B-level EUR2540	CD
2	17/04/07	Auto Control Numbers amended for 2008 Production as per SED 7878 Rev3	BM
1	8/03/07	Auto Control Numbers issued as per SED7878 Rev2	BM
A	8/03/07	Item 13 now SBX0031JFO250-H	BM
	8/03/07	Tank assembly reduce by 25 tonne as per SED7878 Rev1	CD

PROJECTION | DRAWN: WAYNE | DATE: 05/10/2007
SCALE: 1:20 | CHECK: | Rev.: 0
SED No: 7878 | APPR: | Ver.: 0

DESCRIPTION:
25L,NEWPORT TANK CONTAINERS INC.
6058x2591x2438mm, NPCU

Welfit Oddy

DRAWING NR:
GAS7878BUG250-A

FORMAT: A2H