

AUXILLARY / GRAVITY FED FUEL TANK

2,100LT GRAVITY FED FUEL TANK



Manufacturer – Australian Tank Manufacturers PTY LTD

Model – AusTank 2,100Lt

Specifications

- Bundt Separate from Tank, tank not to be lifted inside Bundt, only lifted by designated lifting points on the tank itself when lifting by a crane / franna / telehandler. When moving with forklift, please use designated Tyne points located on the Bundt area
- **N1 Fill/Dip**
This is a 50NB fitting containing a dipstick that is located beneath the lockable cap. This dipstick is graduated for the capacity of the tank and shows the maximum safe fill level. The maximum safe fill level should never be exceeded. There is also a fill pipe riser which runs up to above the maximum liquid level and then down to the bottom of the tank. This arrangement ensures no splash filling.
Note: Dipsticks give a good indication of tank contents, but minor variances may occur as a result of tank manufacturing tolerances.
The tank has been pressure tested and has been manufactured to A.S.1692 and AS1940
- **N2 Tank Vent**
50NB BSP Socket with pipe riser and an aluminum weatherproof vent that is fitted to the internal tank in accordance with AS1940
- **N3 Outlet**
50NB BSP Socket & Ball Valve
- **N4 Drain**
15NB BSP Half Socket & Plug
- **N5 Forklift Pockets**
- **N6 Spare** 50NB BSP Socket & Plug.
- **N7 Spill Containment** Small container around the Fill point to catch drips/minor spills.

Tank Dimensions (L x W X H approx.): 2400 x 1150 x 1750mm plus tray

Spec Sheet
GRAVITY FED FUEL TANK

This spec sheet is provided for information only and is subject to change.

NOTES:
 1. TANK IS MANUFACTURED & DESIGNED TO AS1692 & AS1940
 2. TANK MATERIAL CS GRADE 250, 3mm
 3. TANK VOLUME - ACTUAL: 2,223 l
 SFL: 2100 l @ 95% SFL
 4. TANK MASS - EMPTY: 380 kg
SURFACE FINISH:
 INTERNAL - CLEAN & DRY
 EXTERNAL - ABRASIVE BLAST TO AS1627.4, CLASS 2.5
 APPLY 1ST COAT EPOXY ZINC PHOSPHATE PRIMER @75 MICRONS
 APPLY 2ND COAT POLYURETHANE TOP COAT @ 50-75 MICRONS
 - COLOUR: SIGNAL RED
 TEST: VISUAL NDT
 AIR PRESSURE TESTED IN ACCORDANCE WITH AS1692-2006

ITEM	QTY	DESCRIPTION	SIZE	SCHEDULE	TYPE
N7	1	SPILL CONTAINER	STEEL	N/A	ENCLOSURE TO HOLD FUEL SPILLAGE
N6	1	SPARE	50NB	N/A	BSP SOCKET & PLUG
N5	1	FORKLIFT POCKETS	200PFC	150 LG	BOXED OFF PFC C/W 6mm GUSSETS
N4	1	DRAIN	15 NB	N/A	BSP HALF SOCKET & PLUG
N3	1	OUTLET	50 NB	N/A	BSP SOCKET & BALL VALVE
N2	1	TANK VENT	50 NB	N/A	BSP SOCKET C/W RISER & WEATHERPROOF CAP
N1A	1	DIPSTICK	25 SHS	N/A	CALIBRATED ALUMINIUM SHS
N1	1	FILL/DIP	50 NB	N/A	BSP PIPE C/W ANTI-FLASHING GAUZE & ALU CAP

NOTES:
 1. This drawing & information contained herein remains the property of Austank and is strictly confidential. It must not be used or disclosed without written consent of Austank.

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Client: REDS GLOBAL P/L
 Ref: 2KL TANK ASSY

1	DN	CLIENT UPDATES	21/04/2018	Drawn:	Design:	Checked:	Approved:	Austank Job/Dr No:	Date:	Main Scale:	Size:	Rev:
0	DN	ORIGINAL ISSUE	18/04/2018	DN	DN	CM	CM	5979	18/04/2018	NTS	A3	1

NOTES:
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 SFL: 2200 l
 4. TANK MASS - EMPTY: 380 kg
SURFACE FINISH:
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 EXTERNAL - ABRASIVE BLAST TO AS1627.4, CLASS 2.5
 APPLY 1ST COAT EPOXY ZINC PHOSPHATE PRIMER @75 MICRONS
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 - COLOUR: SIGNAL RED
 TEST: VISUAL NDT
 AIR PRESSURE TESTED IN ACCORDANCE WITH AS1692-2006

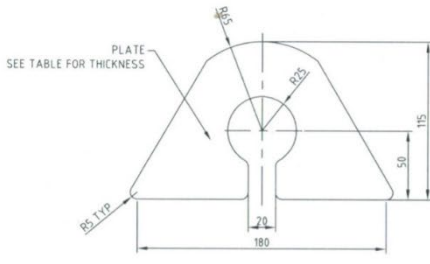
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Client: RED GLOBAL
 Ref: BUND ASSY

1	DN	SIZE TO SUIT 2KL TANK	21/04/18	Drawn:	Design:	Checked:	Approved:	Austank Job/Dr No:	Date:	Main Scale:	Size:	Rev:
0	DN	ORIGINAL ISSUE	18/04/2018	DN	DN	CM	CM	5979	18/04/2018	NTS	A3	1

Spec Sheet
GRAVITY FED FUEL TANK



LIFTING LUG

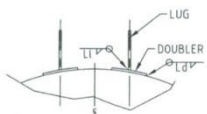
LUG THICKNESS [mm]	CERTIFIED SWL [kN] PER LUG
6	20 kN
12	38 kN
24	74 kN

NOTE:
1. LUG & DOUBLER MATERIAL CS GRADE 250
2. DOUBLER THICKNESS EQUALS TANK THICKNESS

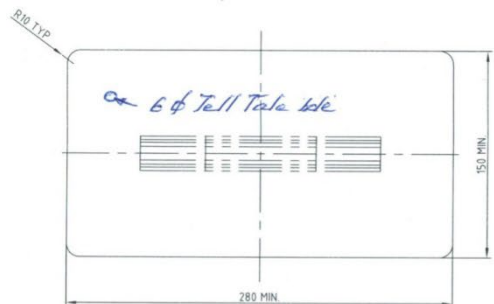
Each Lifting Lug is Satisfactory for indicated SWL based on details prepared 23.5.2013

Donald C. Nicholls
MIEAust CPEng
Chartered Professional Engineer
Membership No. 125597
RPEQ Registration No. 12498

Ll = WELD SIZE IS 6 mm MIN (WELD LEG EQUALS 8 mm)
Ld = WELD LEG EQUALS DOUBLER THICKNES MIN



LUG POSITION - 2 PER TANK (MIN)
NTS



DOUBLER

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0	JL	ORIGINAL ISSUE	15/3/2013	Drawn:	Design:	Checked:	Approved:
Issue:	By:	Description:	Date:	JL	-	-	-



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Client:	STANDARD				
Ref:	LIFTING LUGS				
Austank Job/Dr No:	Date:	Main Scale:	Size:	REV	1
-	15/3/2013	1:2.5	A3		