MANUFACTURER'S DATA REPORT AS PER AS 4458

JAS-ANZ
Certificate Number 24537 6-2017-AQ-AUS-JAS-ANZ

ø622 x 174L, 1034KPa - AIRBLAST BLAST POT

MANUFACTURED AND CERTIFIED BY: MANCHESTER TANK AND EQUIPMENT PTY LTD
21 McMILLAN RD, ECHUCA, VIC, 3564 AUSTRALIA

QUALITY CERT NO: QAC/R61/0185

NATA CERTIFICATES: 2938 NON DESTRUCTIVE TESTING
2939 MECHANICAL TESTING

MANUFACTURED FOR: *ABSS*

(ADDRESS) *EAST KEILOR VIC*

CUSTOMER PART NO:

SALES ORDER NO: *60477*

INSTALL LOCATION:

MTE PART NUMBER: *310415* SERIAL NUMBER: *E64523* FINAL TEST DATE: *5/05/2020*

VESSEL TYPE: *Blast Pot* CODE AND CLASS: *AS1210-3* HAZARD LEVEL: *C* CONTENTS: *Air*

DESIGN REG NO: *V1600419* STATE: *VIC* DATE: *24/03/2016* DSGN REG NO LOCATION:

DESIGN DETAILS

INTERNAL VOLUME: *0.174* cu.m DESIGN PRESS: *1034* kPa DESIGN TEMP: MAX: *65* °C MIN: °C

SHELL DETAILS

All dimensions in mm unless otherwise stated.

DIAMETER: *622* LENGTH: *750* NOM THICKNESS: *6* CORR. ALLOW: *0* MATERIAL: *AS1594* *HA350*

HEAD DETAILS

HEAD	SHAPE	DIA.	THK.	CORR ALW.	CRWN RAD.	KNKL RAD.	SIDE TO PRESS.	MATERIAL		ELLIP. RATIO	CON. ANGL.
1	*Conical*	*610*	*6*	*0*	*N/A*	*60*	*Concave*	*AS3678*	*250*	*N/A*	*52.5*
2	*Tor*	*610*	*6*	*0*	*500*	*60*	*Convex*	*AS3678*	*HA250*	*N/A*	*N/A*

LONGITUDINAL JOINT: *Double Butt* JOINT EFFICIENCY: *0.70* METHOD: *SAW*

CIRC JOINT: *Single Full Fillet Lap* JOINT EFFICIENCY: *0.45* METHOD: *SAW*

HEAT TREATMENT: *No* DETAILS: *N/A* NDT *No* DETAILS: *N/A*

REMARKS: *N/A* DOCUMENT NUMBER: *N/A*

OPENINGS

	PURPOSE	QTY	SIZE	TYPE	MATERIAL	NOM THICK.	HOW ATTACHED	METHOD	LOCATION
1	*Drain*	*1*	*1 1/2"*	*BSPT*	*ASTM A105*	*3000#*	*Fig 3.19.4(f)*	*GMAW*	*End*
2	*Inspection*	*1*	*129*	*STUDDED*	*AS1548 PT460*	*25*	*Fig 3.19.6(h)*	*GMAW*	*END*
3	*Uknown*	*2*	*1"*	*BSPT*	*ASTM A105*	*3000#*	*Fig 3.19.4(f)*	*GMAW*	*SHELL*
4	*Unknown*	*2*	*1"*	*BSPT*	*ASTM A105*	*3000#*	*Fig 3.19.4(f)*	*GMAW*	*SHELL*
5	*Unkown*	*1*	*1/4"*	*BSPT*	*ASTM A105*	*3000#*	*Fig 3.19.4(f)*	*GMAW*	*SHELL*
6									
7									
8									

SUPPORTS

TYPE: *LEGS* NUMBER: *4* WHERE ATTACHED: *SHELL* HOW: *WELDED*

WELDER QUALIFICATION

WELDER SUPERVISOR: *Phil Rankin* CERTIFICATE NO: *E111/E121*

TESTS

All testing is conducted under AS4037-1999 As per Sec 13, pneumatic testing is used as an alternative to the NDT requirements in Cl 13.3.

PRODUCTION TEST PLATE: *No* PROOF TEST TYPE: *Pneumatic* TEST PRESSURE: *1500* kPa DATE: *5/05/2020*

I certify that the data contained in this report are correct and that all details of material, manufacture and workmanship satisfy the requirements of AS1210-3 and the State's Occupation Health and Safety Regulations where the vessel design is registered.

SIGNATORY: DATE: *15/05/2020*

Digitally signed by Brett Brasher
DN: cn=Brett Brasher, o=Manchester Tank, ou=Quality, email=brett.brasher@mantank.com.au, c=AU
Date: 2020.05.15 11:21:50 +10'00'

As the purchaser of this vessel, you or the end user will need to comply with the Regulatory obligations and also ensure that the installation and operation of this vessel is in accordance with the requirements of AS 3892 and AS 3873.