

**K.W.B. ENGINEERING PTY LTD**

FACTORY 4/217 COLCHESTER ROAD KILSYTH 3137

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**MANUFACTURER'S DATA REPORT :**

TITLE OF VESSEL / COMPONENT :	PRESSURE VESSEL	TYPE :	BLAST POT / AIR RECEIVER
MANUFACTURED BY :	K.W.B. ENGINEERING PTY LTD	MANUFACTURED FOR :	ABRASIVE BLASTING
LOCATION OF INSTALLATION :	UNKNOWN	WELDERS CERTIFICATION :	AS PER AS1210 - 1997
DESIGN APPROVAL NUMBER :	V9920374	APPROVAL DATE :	22-7-1999
MANUFACTURER'S SERIAL NUMBER :	18-293 to	INTERNAL VOLUME :	140 litres
LOCATION OF SERIAL NUMBER :	NAME PLATE	DRAWING NUMBER :	P930017-2
CODE & CLASS :	AS1210 - CLASS 3	HAZARD LEVEL :	C
DESIGN PRESSURE :	1000 KPA	DESIGN TEMPERATURE :	60deg. C

**SHELL :**

DIAMETER :	508 MM	LENGTH :	800 MM	THICKNESS :	5MM
CORROSION ALLOWANCE:	.75mm	MATERIAL ( SPEC & GRADE ) :	AS1594 HA 300/1		
LONGITUDINAL JOINT :	BUTT	CIRCUMFERENTIAL JOINT :	LAP		
JOINT EFFICIENCY :	.70%	MATERIAL CERTIFICATE NUMBER :	KWB	405	

**ENDS :**

DIAMETER :	508 MM	LOCATION :	TOP / BOTTOM	LEFT / RIGHT	SHAPE :	SEMI ELIPSOIDAL
THICKNESS :	4 MM	CROWN RADIUS :	2-1	KNUCKLE RADIUS :		N/A
METHOD OF ATTACHMENT :	INSERTED			SIDE TO PRESSURE :	1 CONVEX 1 CONCAVE	
MATERIAL ( SPEC & GRADE ) :	AS1594 HA300/1			CORROSSION ALLOWANCE :		.75mm
JOINT EFFICIENCY :	65%					

**BRANCHES :****SUPPORTS :**

NUMBER :	SIZE :	MATERIAL :	TYPE :	NUMBER :	LOCATION :
3	1" BSP	A106 B	ANGLE LEGS	2	END
1	1/4" BSP	CS1020	RHS LEG	1	END
1	1 1/2" BSP	A106 B			

**INSPECTION OPENINGS :****TESTING :**

TYPE :	NUMBER :	LOCATION :	TEST PRESSURE :	1500 KPA
FLANGE	100MM T.E.	1	END	
			PRESSURE TEST MEDIUM :	HYDROSTATIC
			TEST POSITION :	VERTICAL
			DATE OF TEST :	13-6-18

**CERTIFICATE OF MANUFACTURER :** I CERTIFY THAT THE DATE IN THIS REPORT IS CORRECT, AND THAT ALL DETAILS OF MATERIALS, CONSTRUCTION AND WORKMANSHIP SATISFY THE REQUIREMENTS OF THE BOILER AND PRESSURE VESSEL REGULATIONS UNDER THE RELEVANT STATE AND TERRITORY LEGISLATION.

SIGNED : 

DATE : 13-6-18

KEITH BENNETT

**CERTIFICATE OF TEST :** THIS IS TO CERTIFY THAT A COMPETENT PERSON HAS CHECKED THE MATERIALS, AND SUPERVISED THE CONSTRUCTION AND TESTING OF THE BELOW MENTIONED PRESSURE VESSELS. UPON COMPLETION OF THE TEST THERE WAS NO EVIDENCE OF DEFORMATION OR DEFECTS. ALL VESSELS HAVE BEEN STAMPED IN ACCORDANCE WITH THE RELEVANT CODE REQUIREMENTS.

SERIAL NUMBERS :	18-293 TO 18-295
DESIGN APPROVAL NUMBER :	V 9920374
DESIGN PRESSURE :	1000 KPA
TESTING PRESSURE :	1500 KPA

SIGNED : 

DATE : 13-6-18