Product Test Certificate

231425 Certificate Number

28/11/2023 Date

PackFrom	PackTo
23328M10060	23328M10077
23329M10001	23329M10013

RHS/SHS/CHS Nominal Size (mm) d /do	b	t	L	Specification	Grade	Product Description
125	75	3.0	Any	AS/NZS 1163 : 2016	C350L0	Painted 125x75x3.0

Heat No.	Steel Supplier	Testing Authority/NATA (ILAC) No			Steel Chemical Analysis																	Mechanical Test Results (Orientation-"L")									
		Tensile	Impact	Chemical	Analysis Type L / P	Testing Report No	C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al	Ti	Nb	V	B	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C			
																									YS	TS	E	1	2	3	Avg
							(% x 100)																		MPa		%	Joules			
7921269	BSL Australia	VTS		BSL 0632	L	D18005	16	1.3	72	0.9	1.4	2	3.1	0.5	4.5	3.3	<0.2	0.1	0.3	<0.03	29	4	23-454/10-30034	A	442	509	31				
SQ33943	Import	VTS		CNAS	L	230824-FH0	13.64	1.1	86.2	0.7	0.31	0.7	2.2	0.3	2.2	2.2	0.1	0	0	0.01	29	3									
SQ34106	Import	VTS		CNAS	L	230824-FH0	14.38	1.31	84.3	0.8	0.32	0.5	1.7	0.2	1.1	2.5	0.1	0	0	0.1	29	4									
SQ34120	Import	VTS		CNAS	L	230824-FH0	13.63	1.3	83.2	0.9	0.68	0.6	2.8	0.2	1	2.7	0.1	0	0	0.01	28	4	23-454/10-30035	A	435	499	31				

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Notes:

1) CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15; **2)** SiE=Si+2.5P; **3)** Gauge Length for E= 5.65√So; **4)** Impact test piece thickness is 5 mm;

5) For t less than 6 mm L0 properties derived as per Cl 9.4.2.3 (b) of AS/NZS 1163; **6)** Analysis Type: "L" = LADLE, "P" = PRODUCT

7) VTS = Victorian Testing Inspection Services P/L: NATA Accreditation Number: 19968; BSL = BlueScope Steel (AIS) Pty Limited: NATA Accreditation Number: 0632; ILAC = International Laboratory Accreditation Cooperation (CNAS L0184 / KT101);

8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;

9) The steel is made by basic oxygen or an electric arc process and is fully killed, continuously cast and fine grained. The strip was hot rolled at the hot strip mill.

10) Statistical sampling to AS/NZS 1163-2016 Cl B3.2.

11) Tensile tests performed in accordance to AS1391, Impact tests performed in accordance to AS1544.2

12) APT holds ACRS accreditation (Certification Number: 161104) for the manufacture of cold-formed structural steel hollow sections to AS/NZS 1163:2016.

Packs covered by this certificate

Heat	Pack Numbers
7921269	23328M10060 23328M10061 23328M10062 23328M10063 23328M10064 23328M10065 23328M10066 23328M10067 23328M10068 23328M10069 23328M10070 23328M10071
SQ33943	23328M10072
SQ34120	23328M10073 23328M10074 23328M10075 23328M10076 23328M10077 23329M10001 23329M10002 23329M10003
SQ34106	23329M10004 23329M10005 23329M10006 23329M10007 23329M10008 23329M10009 23329M10010 23329M10011 23329M10012 23329M10013

Australian Pipe and Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

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231425	28/11/2023
Certificate Number	Date

Authorized signatory: MIKE DOUBLEDAY
MANAGER