AUSTRALIAN PIPE & TUBE

Product Test Certificate

231428 Certificate Number

28/11/2023 Date

PackFrom	PackTo	RHS/SHS/CHS Nominal Size (mm) d /do	b	t	L	Specification	Grade	Product Description
23329M10035	23329M10046	125	75	5.0	Any	AS/NZS 1163 : 2016	C350L0	Painted 125x75x5.0

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			
SQ34693	Import	VTS		CNAS	L	230824-FH0	13.91	1.21	87.4	0.7	0.5	0.9	3.3	0.8	2	2.3	0.1	0	0.1	0	29	4	23-454/10-30037	A	479	546	28				
SQ34696	Import	VTS		CNAS	L	230824-FH0	13.78	1.35	87.5	0.9	0.37	0.9	2.7	0.4	2.4	2.4	0.1	0	0.1	0	29	4									

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.

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Packs covered by this certificate	
Heat	**Pack Numbers**
SQ34693	23329M10035 23329M10036 23329M10037 23329M10038
SQ34696	23329M10038 23329M10039 23329M10040 23329M10041 23329M10042 23329M10043 23329M10044 23329M10045 23329M10046

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

Authorized signatory: MIKE DOUBLEDAY
MANAGER