



Product Test Certificate

231084

10/03/2023

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
23059M10013	23059M10030	75	75	5.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 75x75x5.0

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					
							(% x 100)																		YS	TS	E	1	2	3	Avg		
6875469	Australia-BSL	VTS		BSL/632	L	C37376	16.3	1.6	73	<0.5	1.1	1.5	4.9	0.4	5.3	3.8	<0.2	0.1	<0.3	<0.03	29	4											
6877139	Australia-BSL	VTS		BSL/632	L	C37376	16	1.5	72	1	1.1	1.7	4.6	0.4	5.8	4	<0.2	0.1	<0.3	<0.03	29	5	23-062/1-28668	A	449	507	28						

- Notes:**
- 1) CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15; 2) SiE=Si+2.5P; 3) Gauge Length for E= 5.65VSo; 4) Impact test piece thickness is 5 mm;
 - 5) For t less than 6 mm L0 properties derived as per CI 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 CI 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
6877139	23059M10013 23059M10014 23059M10015 23059M10016 23059M10017 23059M10018 23059M10021 23059M10023 23059M10024 23059M10025
6875469	23059M10022 23059M10023 23059M10025 23059M10026 23059M10027 23059M10028 23059M10029 23059M10030

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**