

Product Test Certificate

231064

21/02/2023

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
23047M10034	23047M10036	100	100	4.0	Any	AS/NZS AS1163 : 2016	C350L0	Galvanised 100x100x4.0
23048M10001	23048M10009							

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																	
SQ11445	Import	VTS		ILAC	L	221205-FL01KS-0012A1	18.1	0.81	78.2	1	0.3	0.7	1.1	0.1	1.7	2.1	0	0.1	0	0.2	32	3	23-025/11-28647	A	461	533	26				
<p>Notes:</p> <p>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;</p> <p>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</p> <p>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);</p> <p>8) The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;</p> <p>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.</p> <p>10) Statistical sampling to AS/NZS 1163-2016 CI B3.2.</p> <p>11) Tensile tests performed in accordance to AS1391, Impact tests performed in accordance to AS1544.2</p> <p>12) APT holds ACRS accreditation (Certification Number: 161104) for the manufacture of cold-formed structural steel hollow sections to AS/NZS 1163:2016.</p>																															



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Packs covered by this certificate

Heat	Pack Numbers
SQ11445	23047M10034 23047M10035 23047M10036 23048M10001 23048M10002 23048M10003 23048M10004 23048M10005 23048M10006 23048M10007 23048M10008 23048M10009

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