

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
21016M10070	21016M10085	100.0	50.0	3.0	Any	AS/NZS AS1163 : 2016	C450L0	Galvanised 100x50x3.0

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
6741109	Australia-BSL	VTS/19968		BSL/632	L	18510SPH /2	16.4	1.1	72	0.5	1.3	2	3.4	0.3	4.9	3	<0.2	0.1	<0.3	<0.03	29	3	VT21-007-20151	A	380	471	34				

Notes:

- 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;
- For t less than 6 mm L0 properties derived as per Cl 9.4.2.3 (b) of AS/NZS 1163; 6) "L" = LADLE, "P" = PRODUCT
- ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
- The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
- 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.
- Statistical sampling to AS1163 Cl B3.2.



Product Test Certificate

211037

Certificate Number

27/01/2021

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6741109	21016M10070 21016M10071 21016M10072 21016M10073 21016M10074 21016M10075 21016M10076 21016M10077 21016M10078 21016M10079 21016M10080 21016M10081 21016M10082 21016M10083 21016M10084 21016M10085

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