



RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
20168M10129	20248M10012	75.0	50.0	3.0	Any	AS/NZS AS1163 : 2016	C350L0	Galvanised 75x50x3.0

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
6706359	Australia-BSL	VTS/19968		BSL/632	L	11011SPH	15.4	1.8	69	<0.5	1.1	1.9	3.8	0.3	4.2	3.3	<0.2	0.1	<0.3	<0.03	28	5	VT20-528-19800	A	429	495	31				

- 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 Cl 9.4.2.3 (b) of AS/NZS 1163; 6) "L" = LADLE, "P" = PRODUCT
 - 7) ALS=Australian Laboratory Services Industrial; MTL = Mec Test Laboratories; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
 - 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 AS1163 Cl B3.2.



Product Test Certificate

201726

Certificate Number

9/09/2020

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6706359	20168M10129 20168M10130 20168M10131 20168M10132 20248M10003 20248M10004 20248M10005 20248M10006 20248M10011 20248M10012

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