

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
20168M10058	20267M10033	150.0	50.0	2.5	Any	AS/NZS AS1163 : 2016	C350L0	Galvanised 150x50x2.5

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
6708319	Australia-BSL	VTS/19968		BSL/632	L	C37084	17.1	1.9	72	0.7	1.1	7.2	3.8	0.8	4.8	3.4	<0.2	0.1	<0.3	<0.03	30	5	VT20-582-19853	A	365	482	34				
6708319	Australia-BSL	VTS/19968		BSL/632	L	C37084	17.1	1.9	72	0.7	1.1	7.2	3.8	0.8	4.8	3.4	<0.2	0.1	<0.3	<0.03	30	5	VT20-574-19852	A	378	478	34				

- Notes:**
- 1) $CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15$; 2) $SiE=Si+2.5P$; 3) Gauge Length for E= $5.65\sqrt{So}$; 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) "L" = LADLE, "P" = PRODUCT
 - 7) ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; 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 CI B3.2.



Product Test Certificate

201779

Certificate Number

30/09/2020

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6708319	20168M10058 20168M10059 20168M10060 20267M10031 20267M10032 20267M10033

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