



RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22333M10025	22333M10029	30.0	30.0	3.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 30x30x3.0

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																		
																								MPa		%		Joules																					
		VTS/19968																																															
6831139	Australia-BSL	VTS/19968		BSL/632	L	D00096	15.9	1.5	74	0.6	1.5	1.6	3.9	0.3	4	3.5	<0.2	0.1	<0.3	0.03	29	4	22-427/11-28535	A	447	510	23																						
6832089	Australia-BSL	VTS/19968		BSL/632	L	D00096	15.9	1.9	72	0.8	1.1	1.4	4.2	0.2	4.2	4	<0.2	0.1	<0.3	0.03	29	6																											

- 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) "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.
 - 11) Tensile test performed to AS1391, impact test- to AS1544.2



Product Test Certificate

221584

Certificate Number

1/12/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6831139	22333M10026 22333M10027
6832089	22333M10027 22333M10028 22333M10029

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