

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22249M10021	22249M10052	50.0	50.0	2.5	Any	AS/NZS AS1163 : 2016	C350L0	Galvanised 50x50x2.5

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																			
6826228	Australia-BSL	VTS/19968		BSL/632	L	C37291	15.1	1	73	<0.5	0.9	1.6	5.3	0.3	3.3	3.9	<0.2	0.1	<0.3	<0.03	28	3											
7824799	Australia-BSL	VTS/19968		BSL/632	L	59849WP D/2	16	1.3	71	<0.5	1.3	1.7	2.9	0.4	4.9	3.2	<0.2	0.1	<0.3	<0.03	29	4	22-360/4-26408	A	402	472	31						
7828149	Australia-BSL	VTS/19968		BSL/632	L	C37304	14	1.5	73	0.8	1.6	1.6	3.1	0.3	5.7	3.2	<0.2	0.1	<0.3	<0.03	27	5											

- 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

221454

Certificate Number

9/09/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
7824799	22249M10021 22249M10022 22249M10024 22249M10025 22249M10026 22249M10027 22249M10028 22249M10028 22249M10046 22249M10047 22249M10050 22249M10051
6826228	22249M10022 22249M10023 22249M10024 22249M10026 22249M10027 22249M10030 22249M10031 22249M10033 22249M10034 22249M10047 22249M10048 22249M10049 22249M10050 22249M10051 22249M10052
7828149	22249M10028 22249M10029 22249M10030 22249M10031 22249M10032 22249M10033 22249M10034 22249M10035 22249M10036 22249M10037 22249M10038 22249M10039 22249M10040 22249M10041 22249M10042 22249M10043 22249M10044 22249M10045 22249M10046

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**