

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22049M10019	22049M10051	75.0	75.0	5.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 75x75x5.0

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																		
6809769	Australia-BSL	VTS/19968		BSL/632	L	C37250	15.2	1.7	71	0.7	0.8	1.5	4	0.3	4.8	3.4	<0.2	0.1	<0.3	<0.03	28	5										
6812059	Australia-BSL	VTS/19968		BSL/632	L	C37250	17	1.9	73	<0.5	1.4	1.6	4.2	0.4	5.7	2.9	<0.2	0.1	<0.3	0.04	30	5										
6812089	Australia-BSL	VTS/19968		BSL/632	L	C37250	17.6	1.7	71	<0.5	1.2	1.8	4.8	0.4	5.7	3.4	<0.2	0.1	<0.3	0.03	30	5	VT22-075-22990	A	466	515	22					

- 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

221065

Certificate Number

23/02/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6812089	22049M10019 22049M10020 22049M10033 22049M10034 22049M10035 22049M10036 22049M10037 22049M10038 22049M10039 22049M10040 22049M10041 22049M10042 22049M10043 22049M10044 22049M10045 22049M10046 22049M10047 22049M10049 22049M10050 22049M10051
6812059	22049M10020 22049M10021 22049M10022 22049M10026 22049M10027 22049M10029 22049M10030 22049M10031 22049M10032 22049M10033 22049M10044 22049M10045 22049M10047 22049M10048 22049M10049
6809769	22049M10022 22049M10023 22049M10024 22049M10025 22049M10026 22049M10027 22049M10028 22049M10029

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