

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
22053M10011	22053M10056	75.0	50.0	4.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted 75x50x4.0

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				
6801489	Australia-BSL	VTS/19968		BSL/632	L	C37249	16.6	1.5	72	0.6	0.8	1.9	4.4	0.4	4.8	2.9	<0.2	0.1	<0.3	<0.03	30	4													
6802908	Australia-BSL	VTS/19968		BSL/632	L	C37250	15.6	1.7	72	0.7	1.3	1.6	4.3	0.3	4.9	3.6	<0.2	0.1	<0.3	0.04	29	5	VT22-076-23001	A	470	517	27								
7809579	Australia-BSL	VTS/19968		BSL/632	L	C37249L	16.5	1.5	72	0.5	1.4	1.4	3.8	0.3	4.1	3	<0.2	0.1	<0.3	<0.03	30	4													
7809599	Australia-BSL	VTS/19968		BSL/632	L	C37249L	16.1	2.3	74	0.6	1.6	1.6	4.4	0.3	4.4	3	<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 Cl 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 Cl B3.2.
 - 11) Tensile test performed to AS1391, impact test- to AS1544.2



Product Test Certificate

221076

Certificate Number

27/02/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6802908	22053M10011 22053M10012 22053M10033 22053M10034 22053M10038 22053M10039 22053M10040 22053M10041 22053M10042 22053M10043 22053M10044 22053M10045 22053M10046 22053M10047
7809579	22053M10012 22053M10013 22053M10014 22053M10016 22053M10017 22053M10018 22053M10021 22053M10022 22053M10023 22053M10024 22053M10025 22053M10026 22053M10031 22053M10032 22053M10050 22053M10051 22053M10052 22053M10053 22053M10054 22053M10055 22053M10056
6801489	22053M10014 22053M10015 22053M10016 22053M10018 22053M10019 22053M10034 22053M10035 22053M10036
7809599	22053M10020 22053M10021 22053M10023 22053M10024 22053M10026 22053M10027 22053M10028 22053M10029 22053M10030 22053M10031 22053M10036 22053M10037 22053M10038 22053M10042 22053M10043 22053M10047 22053M10048 22053M10049 22053M10050

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**