

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d / do	b	t	L	Specification	Grade	Product Description
22192M10030	22192M10030	40.0	40.0	2.0	Any	AS/NZS AS1163 : 2016	C350L0	Painted/NOPC 40x40x2.0
22193M10001	22193M10006							

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	
7836649	Australia-BSL	VTS/19968		BSL/632	L	C37315	15.7	1.9	73	<0.5	1.3	7.7	4.2	0.8	4	3.9	<0.2	0.1	<0.3	<0.03	29	5	22-266/8-26276	A	449	521	22				
7836659	Australia-BSL	VTS/19968		BSL/632	L	C37321	16.2	1.7	73	0.5	1.3	7.3	3.1	0.7	4	3.7	<0.2	0.1	<0.3	<0.03	29	5									
7836659	Australia-BSL	VTS/19968		BSL/632	L	C37323	16.2	1.7	73	0.5	1.3	7.3	3.1	0.7	4	3.7	<0.2	0.1	<0.3	<0.03	29	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

221342

Certificate Number

26/07/2022

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
7836649	22192M10030 22193M10001 22193M10002 22193M10003 22193M10004 22193M10005 22193M10006
7836659	22193M10003
7836659	22193M10003

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