



RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
20346M10022	20346M10055	89.0	89.0	2.0	Any	AS/NZS AS1163 : 2016	C350L0	Galvanised 89x89x2.0

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
6722649	Australia-BSL	VTS/19968		BSL/632	L	C37105	16.4	1.7	74	0.6	1	1.6	3.2	0.3	3.3	4.5	<0.2	0.1	<0.3	0.03	30	5	VT20-783-20099	A	380	464	37				

Notes:

- 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;
- 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
- ALS=Australian Laboratory Services Industrial; VTS= Victorian Testing Inspection Services P/L; SS=Spectrometer Services Pty Ltd; BSL=Bluescope Steel;
- The production date in the format yyddd constitutes the first 5 digits of the pack number and is printed on each length;
- 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.
- Statistical sampling to AS1163 Cl B3.2.



Product Test Certificate

201999

15/12/2020

Certificate Number

Date



CERT NO.
161104

Packs covered by this certificate

Heat	Pack Numbers
6722649	20346M10022 20346M10023 20346M10024 20346M10025 20346M10026 20346M10027 20346M10028 20346M10029 20346M10030 20346M10031 20346M10032 20346M10033 20346M10034 20346M10035 20346M10036 20346M10037 20346M10038 20346M10039 20346M10040 20346M10041 20346M10042 20346M10043 20346M10044 20346M10045 20346M10046 20346M10047 20346M10048 20346M10049 20346M10050 20346M10051 20346M10052 20346M10053 20346M10054 20346M10055

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