



Product Test Certificate

161239

3/08/2016

Certificate Number

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16209M10039	16209M10050	125.0	75.0	4.0	Any	AS1163: 2016	C350L0	Galvanised 125x75x4.0

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																	
																									MPa	%	Joules				
LZ319	Import	MTL/17279		SS/19570	P	64134	9	1.7	77	<2	0.9	<1	2	<1	1	3.1	<1	3	<1	<0.05	23	6	T3249-5781	A	487	578	30				
NL325	Import	MTL/17279		SS/19570	P		13	1.5	73	<2	1	<1	2	1	1	3.7	<1	3	<1	<0.05	26	6	T3249-5782	A	458	558	30				

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; MTL = Mec Test Laboratories; 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.



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Packs covered by this certificate

Heat	Pack Numbers
LZ319	16209M10039 16209M10040 16209M10041 16209M10042 16209M10043 16209M10046 16209M10049 16209M10050
NL325	16209M10043 16209M10044 16209M10045 16209M10046

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: L. DONALD

CEO