



Product Test Certificate

161005

Certificate Number

15/03/2016

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16064M10070	16067M10001	125	75	3	Any	AS1163	C350L0	Galvanised 125x75x3.0

Heat No.	Steel Supplier	Testing Authority/NATA (ILAC) No			Steel Making Process	Steel Chemical Analysis (% x100) As supplied by Steelmaker ("L")														Mechanical Test Results (Orientation-"L")									
		Tensile	Impact	Chemical		C	P	Mn	Si	S	Ni	Cr	Mo	Cu	Al	Ti	Nb	V	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C			
																							YS	TS	E	1	2	3	Avg
15303985	Import	MTL/17279		SS/19570	BO,CC	19	1.1	59	2	0.9	<1	3	<1	2	1	<1	<1	5	29.8	4.75	T3119-112	A	520	623	21				
15303991	Import	MTL/17279		SS/19570	BO,CC	17	1.3	60	2	1.1	1	2	<1	1	2.3	<1	<1	5	28.0	5.25	T3119-111	A	403	504	31				

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 10.6.2.2 (b) of AS/NZS 1163; 6) Data in the table refers to the samples representative for each line;
- 7) BO,SC= Basic Oxygen,Continuous (Slab) Casting; 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) Information provided by BSL " STEEL FEED: IN ACCORDANCE WITH CLAUSES 6 AND 10.6.2.2 OF AS/NZS 1163:2009 THESE COILS WERE PRODUCED FROM ALUMINIUM FULLY KILLED, FINE GRAINED STEEL AND ALUMINIUM HAS BEEN USED AS THE GRAIN REFINING ELEMENT".



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Packs covered by this certificate

Heat	Pack Numbers
15303991	16064M10070 16064M10071
15303985	16064M10072 16067M10001

Australian Pipe Tube confirms that products listed above were manufactured, tested, and supplied in full compliance with the specifications quoted in this certificate.

Authorized signatory: R.Fisher