



Product Test Certificate

161106

Certificate Number

10/05/2016

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16125M10031	16125M10041	30	30	1.6	Any	AS1163	C350L0	Painted 30x30x1.6

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	B	CE	SiE	Testing Report No-Sample ID	Condition	Tensile Test			Impact Test at 0°C					
																								YS	TS	E	1	2	3	Avg		
N47686	Import	MTL/17279		SS/19570	BO,CC	15	1	94	1.7	<2	<1	2	<1	<1	1	1	<1	3.8	<0.05	32	4	T3165-5448	A	482	532	18						

- 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
N47686	16125M10031 16125M10032 16125M10033 16125M10034 16125M10035 16125M10036 16125M10037 16125M10038 16125M10039 16125M10040 16125M10041

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