



# Product Test Certificate

161319

6/09/2016

Certificate Number

Date

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16243M10039	16243M10048	40.0	40.0	4.0	Any	AS1163: 2016	C350L0	Painted 40x40x4.0

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																	
16S703029	Import	MTL/19968		SS/19570	P	65359	17	1.3	55	<2	1	<1	3	1	1	3.9	<1	<1	<1	<0.05	27	5	T3300-6945	A	502	548	24				
16S7-03030	Import	MTL/19968		SS/19570	P	65049	17	1.3	55	<2	1	<1	2	1	1	3.7	<1		<1	<0.05	27	5	T3300-6946	A	517	566	20				
16S703036	Import	MTL/19968		SS/19570	P	64724	15	1.4	56	2	1.1	<1	4	1	1	3.3	<1	<1	1	<0.05	25	6	T3300-6944	A	525	571	22				

- 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; 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
16S703029	16243M10039 16243M10040 16243M10041 16243M10042 16243M10043
16S703036	16243M10039 16243M10047 16243M10048
16S7-03030	16243M10040 16243M10042 16243M10043 16243M10044 16243M10045 16243M10046 16243M10047

**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**