



Product Test Certificate

161503

Certificate Number

29/11/2016

Date

RHS/SHS/CHS
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16329M10002	16329M10031	100.0	100.0	5.0	Any	AS1163: 2016	C350L0	Painted 100x100x5.0

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
9S444	Import	MTL/19968		L2734-130513	P	MANUAL	16	1.5	75	1	.4	1	0	0	0	4.1	.1	.1	.3	0	30	5	T3403-7483	A	406	500	30				
9S668	Import	MTL/19968		L2734-130513	L	6T07847	17	0.8	75	2	0.3	1	1	0	1	3.5	0.1	0.2	0.1	0	30	4	T3403-7484	A	387	493	33				

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.
- 10) Statistical sampling employed in accordance with AS1163 Cl. B3.2



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Packs covered by this certificate

Heat	Pack Numbers
9S444	16329M10002 16329M10003 16329M10004 16329M10005
9S668	16329M10005 16329M10006 16329M10007 16329M10008 16329M10009
9S452	16329M10009 16329M10010 16329M10011 16329M10012 16329M10013
0S014	16329M10013 16329M10014 16329M10015 16329M10016 16329M10017 16329M10018
9S661	16329M10018 16329M10019 16329M10020 16329M10021 16329M10022
9S994	16329M10022 16329M10023 16329M10024 16329M10025 16329M10026
9S994	16329M10022 16329M10023 16329M10024 16329M10025 16329M10026
9S666	16329M10026 16329M10027 16329M10028 16329M10029 16329M10031



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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