



# Product Test Certificate

161407

27/10/2016

Certificate Number

Date

RHS/SHS/CHS  
Nominal Size (mm)

PackFrom	PackTo	d /do	b	t	L	Specification	Grade	Product Description
16294M10016	16294M10023	50.0	25.0	3.0	Any	AS1163: 2016	C350L0	Galvanised 50x25x3.0

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																	
NQ076	Import	MTL/19968		SS/19570	P	65905	19	1.1	77	<2	0.9	1	2	1	2	4	<1	<1	1	<0.05	33	5	T3356-7307	A	486	549	28				

- 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
NQ076	16294M10016 16294M10017 16294M10018 16294M10019 16294M10020 16294M10021 16294M10022 16294M10023

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