

- 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; VTS= Victorian Testing Inspection Services P/L; 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 to AS1163 Cl B3.2.

Packs covered by this certificate

Heat	Pack Numbers
7749489	20281M10044 20282M10001 20282M10002 20282M10003 20282M10014 20282M10015 20282M10019 20282M10021
6712617	20281M10044 20282M10010 20282M10011
7749329	20282M10001 20282M10002 20282M10007 20282M10008
7748399	20282M10003 20282M10004 20282M10012 20282M10013 20282M10016 20282M10017
7749369	20282M10004 20282M10005 20282M10006
7749649	20282M10006 20282M10007 20282M10015 20282M10016



Product Test Certificate

201837

Certificate Number

15/10/2020

Date



CERT NO.
161104

7734919	20282M10008 20282M10009 20282M10011 20282M10012
7749639	20282M10009 20282M10010 20282M10013 20282M10014 20282M10017 20282M10019 20282M10021 20282M10022

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: MIKE DOUBLEDAY
MANAGER**