

- 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
7796199	21309M10085 21309M10086 21309M10088 21309M10089 21309M10090 21309M10091 21309M10092
7800939	21309M10086 21309M10087 21309M10088 21309M10092 21309M10093 21309M10097 21309M10098 21309M10099 21309M10101 21309M10102 21309M10103 21309M10104 21309M10105 21309M10106 21309M10107
7795299	21309M10094 21309M10095 21309M10096 21309M10097 21309M10099 21309M10100 21309M10101
6787719	21309M10108 21309M10109 21309M10110 21309M10111 21309M10112 21309M10113 21309M10114 21309M10115 21309M10116 21309M10120 21309M10121 21309M10122 21310M10001 21310M10002 21310M10003 21310M10004 21310M10005
7798439	21309M10116 21309M10117 21309M10118 21309M10122 21309M10123 21309M10124 21309M10125 21309M10126 21309M10127 21309M10128 21309M10129 21309M10130 21309M10131 21309M10132
7797619	21309M10118 21309M10119 21309M10120 21309M10132 21310M10001 21310M10006 21310M10007 21310M10008



Product Test Certificate

211695

Certificate Number

12/11/2021

Date



CERT NO.
161104

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