

- 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.
 - 11) Tensile test performed to AS1391, impact test- to AS1544.2

Packs covered by this certificate

Heat	Pack Numbers
6823708	22139M10052 22139M10053 22139M10054 22139M10055 22139M10056 22139M10057 22139M10058 22139M10059 22139M10071 22139M10072 22139M10073 22139M10075 22139M10076 22139M10077
7820198	22139M10059 22139M10060 22139M10064 22139M10068 22139M10069 22139M10077 22139M10078 22139M10079 22139M10080 22139M10081 22139M10102 22139M10103 22139M10104 22139M10105 22139M10111 22139M10112 22139M10113 22139M10114
7828709	22139M10060 22139M10061 22139M10062 22139M10063 22139M10064 22139M10069 22139M10070 22139M10071 22139M10088 22139M10089 22139M10090 22139M10091 22139M10092 22139M10127 22139M10128 22140M10003 22140M10004 22140M10005 22140M10006 22140M10007 22140M10009 22140M10010 22140M10011 22140M10012
6829879	22139M10073 22139M10074 22139M10075 22139M10100 22139M10101 22139M10102 22139M10105 22139M10106 22139M10107 22139M10108 22139M10109 22139M10110 22139M10111 22139M10123 22139M10125 22139M10126 22139M10127 22140M10007 22140M10008 22140M10009
7828749	22139M10081 22139M10082 22139M10083 22139M10084 22139M10085 22139M10086 22139M10087 22139M10088 22139M10094 22139M10095 22139M10096 22139M10098 22139M10099 22139M10100



Product Test Certificate

221242

Certificate Number

1/06/2022

Date



CERT NO.
161104

7828699

22139M10092 22139M10093 22139M10094 22139M10096 22139M10097 22139M10098 22139M10114 22139M10115 22139M10116 22139M10117 22139M10118 22139M10119 22139M10120
22139M10121 22139M10122 22139M10123

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**