

- 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
6818259	22040M10154 22040M10155 22040M10156 22040M10157 22040M10158 22040M10159 22040M10160 22040M10161 22041M10003 22041M10004 22041M10005 22041M10016 22041M10017 22041M10018 22041M10033 22041M10034 22041M10035
7808369	22041M10005 22041M10006 22041M10007 22041M10008 22041M10009 22041M10011 22041M10012 22041M10013
6818249	22041M10009 22041M10010 22041M10011 22041M10013 22041M10014 22041M10015 22041M10016 22041M10018 22041M10019 22041M10020 22041M10021 22041M10022 22041M10023 22041M10024 22041M10025 22041M10026 22041M10027 22041M10028 22041M10029
6814339	22041M10029 22041M10030 22041M10031 22041M10035 22041M10036 22041M10037
6814289	22041M10031 22041M10032 22041M10033 22041M10037 22041M10038 22041M10039 22041M10040 22041M10041 22041M10042



Product Test Certificate

221044

Certificate Number

16/02/2022

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