



Product Test Certificate

231296

Certificate Number

11/08/2023

Date

- Notes:**
- 1) $CE = C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15$; 2) $SiE = Si + 2.5P$; 3) Gauge Length for E= 5.65 \sqrt{So} ; 4) Impact test piece thickness is 5 mm;
 - 5) For t less than 6 mm L0 properties derived as per CI 9.4.2.3 (b) of AS/NZS 1163; 6) Analysis Type: "L" = LADLE, "P" = PRODUCT
 - 7) VTS = Victorian Testing Inspection Services P/L: NATA Accreditation Number: 19968; BSL = BlueScope Steel (AIS) Pty Limited: NATA Accreditation Number: 0632; ILAC = International Laboratory Accreditation Cooperation (CNAS L0184 / KT101);
 - 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 AS/NZS 1163-2016 CI B3.2.
 - 11) Tensile tests performed in accordance to AS1391, Impact tests performed in accordance to AS1544.2
 - 12) APT holds ACRS accreditation (Certification Number: 161104) for the manufacture of cold-formed structural steel hollow sections to AS/NZS 1163:2016.

Packs covered by this certificate

Heat	Pack Numbers
33157802	23221M10032
7899009	23221M10033 23221M10034 23221M10035 23221M10036 23221M10038 23221M10039 23221M10040 23221M10041 23221M10042 23221M10043 23222M10016
33157812	23221M10036 23221M10037 23221M10038 23221M10043 23221M10044 23221M10045 23221M10047

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**



Product Test Certificate

231296

Certificate Number

11/08/2023

Date
