



## MECHANICAL TESTING REPORT

**Report No:** 47060-ME-02  
**Date of Issue:** 17-07-2017  
**Interim Results:** Emailed 14-07-2017  
**Page:** 1 of 3  
**Client:** MFI Pty Ltd  
**Attention:** Hassan Osman  
**Address:** 272 Newmarket Road  
Wilston, QLD 4051  
**Order Number:** COD  
**Job Description:** The machining and mechanical testing of (1) only Butt Welded Tube **Procedure and Welder Qualification** coupon.  
**Procedure No:** 8G-B cs kag  
**Welder:** Hassan Osman

Luke Davies  
**Laboratory Technician**  
**Mechanical Testing**



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**Note:**

1. All work is subject to our standard terms and conditions, available on our website <http://www.alsglobal.com/en/Our-Services/Industrial/Asset-Care/Downloads>
2. Test plates and specimens will be disposed of 30 days from issue date of this report unless other arrangements have been made.
3. This report is based on information supplied by the client and cannot be substantiated.

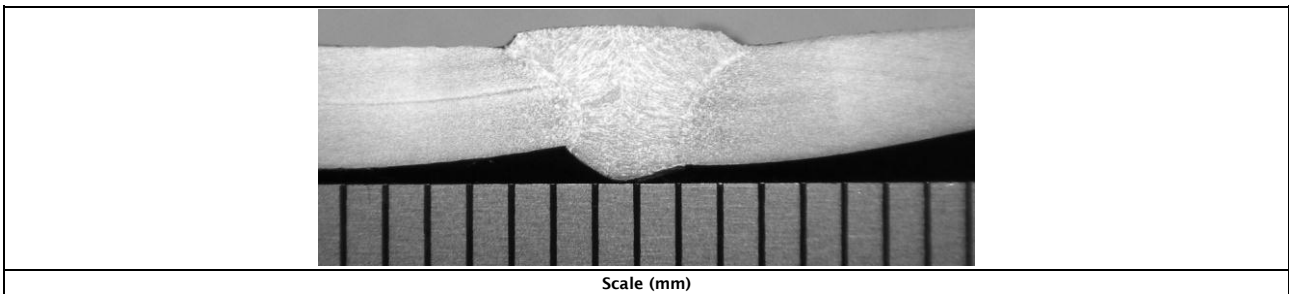


**Test Piece Identification:** WPS No: 8G-B cs kag  
Welder: Hassan Osman  
Welding Process: GMAW  
Welding Position: (6G)  
**Nominated Material Specification:** AS/NZS 1163 - 2016 Grade C25OLO (W.T. 3mm)  
**Manufacturing Specification:** AS/NZS 1554.1 - 2014 Category SP  
**Test Specification:** AS 2205 - 2003  
**Date of Examination:** 11-07-2017

**MACRO CROSS SECTION TEST**

**AS 2205.5.1 - 2003**

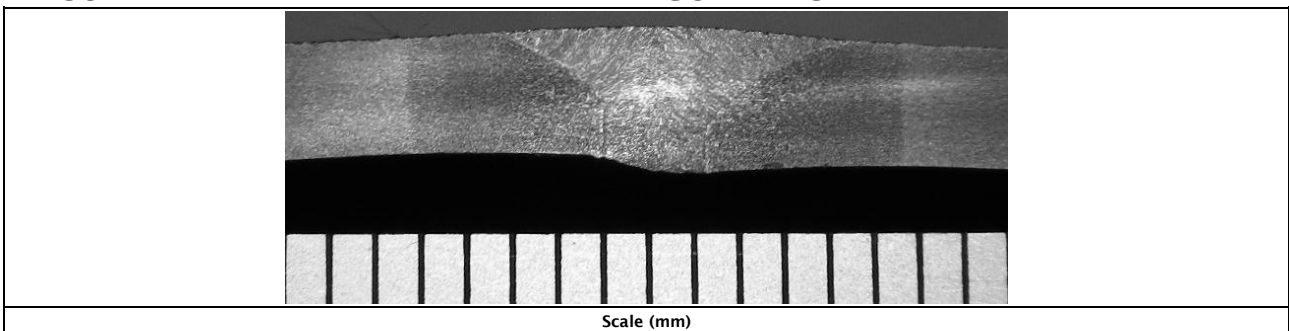
Identification: Macro No.1  
Location of Test Piece: 12 o'clock  
Surface Preparation: Wet Polishing to P1200 grit  
Etchant: 10% Nital  
Visual Examination: No Defects Evident  
**RESULT: COMPLIES**



**MACRO CROSS SECTION TEST**

**AS 2205.5.1 - 2003**

Identification: Macro No.2  
Location of Test Piece: 3 o'clock  
Surface Preparation: Wet Polishing to P1200 grit  
Etchant: 10% Nital  
Visual Examination: No Defects Evident  
**RESULT: COMPLIES**

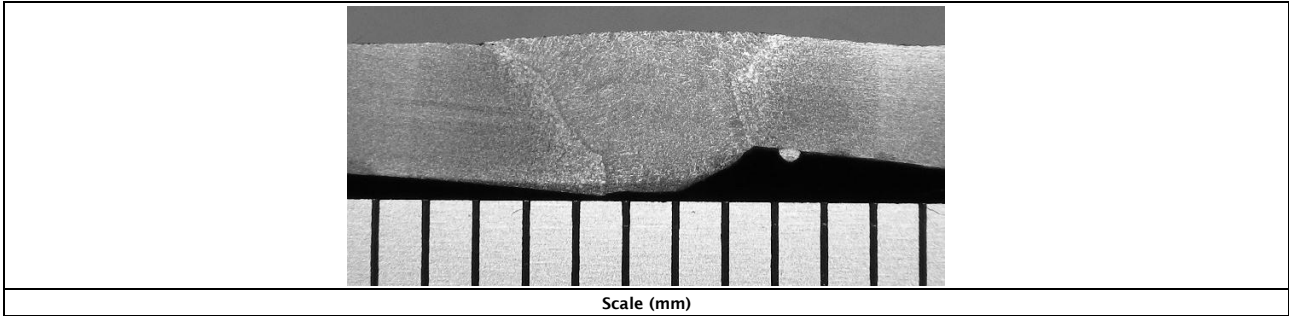




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**MACRO CROSS SECTION TEST****AS 2205.5.1 - 2003**

|                        |                             |
|------------------------|-----------------------------|
| Identification         | Macro No.3                  |
| Location of Test Piece | 6 o'clock                   |
| Surface Preparation    | Wet Polishing to P1200 grit |
| Etchant                | 10% Nital                   |
| Visual Examination     | No Defects Evident          |

**RESULT****COMPLIES**

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**TRANSVERSE GUIDED BEND TEST****AS 2205.3.1 - 2003**

|                    |                        |                    |
|--------------------|------------------------|--------------------|
| Visible Defects    | Nil                    |                    |
| Angle of Bend      | 180°                   |                    |
| Diameter of Former | mm                     | 9 (3t)             |
| Nominal Dimensions | mm                     | 3 x 8              |
| Method of Bending  |                        | Roller Supports    |
| Surface in Tension | Root No. 1 (8 o'clock) | No Defects Evident |
| Surface in Tension | Face No. 1 (2 o'clock) | Minor Tear Evident |
| Sample Preparation |                        | Finishing          |

**RESULTS****COMPLIES**

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