

MECHANICAL TESTING REPORT

Report No: QRM06-0663
Job Number: 74000017
Date of Issue: 16-10-2006
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Client: Lanotec Australia Pty Ltd
Attention: Mr Neville Morris
Address: 1317 Ipswich Road
Rocklea QLD 4108

Order Number: COD
Job Description: The machining and mechanical testing of (1) only butt-welded plate sample.
Test Piece Identification: **Material Heat No:** 79784
Welder: Craig Proctor
Welding Consumable: Austmig NiCrMo (MNICRM012S)
Consumable Classification: AWS A5.28 ER110S-G
AS/NZS 2717.1 ESMG-GM-W769AH
Consumable Diameter: 1.2mm
Anti Spatter used: Lanotec Anti Spatter

Nominated Material Specification: Bisplate – 80
Thickness: 12mm to 12mm
Manufacturing Specification: AS/NZS 1554.4 - 2004
Test Specification: AS 2205 - 2003
Date of Examination: 06-10-2006



Colin Green
Team Leader – Mechanical Testing



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Accreditation # **218**
Site # **852**

**TRANSVERSE BUTT TENSILE TEST****AS 2205.2.1 – 2003**

Coupon Identification		Tensile No. 1
Visible Defects		Nil
Parallel Length	mm	100
Width	mm	30.19
Thickness	mm	11.62
Tensile Load	kN	274.6
Location of Fracture		Parent metal
Fracture Face Appearance		Ductile
Sample Preparation		Finishing
Area	mm ²	350.81
Tensile Strength	MPa	782

RESULT**COMPLIES**