

Project: Underwater Weld Procedure  
(Dry Technique)

Certificate Number: ERE 0050292

Client: XLT Industrial Training Pty Ltd

Office: Fremantle

Client's Order Number: Request for Services

Date: 11 December 2000

Order Status: Complete

*Inspection Dates*

First: 30.11.2000

Final: 30.11.2000

This certificate is issued to XLT Industrial Training Pty Ltd to certify that at their request the undersigned Surveyor Lloyd's Register did attend their Spearwood, WA, works on the aforementioned date for the purpose of witnessing underwater weld procedure.

### Description

Weld - XLT Industrial Training Pty Ltd Underwater Weld Procedure Specification UW/ABS/001  
Single "V" butt with backing bar  
Process - Shielded Metal Arc Welding (Dry Technique)  
Position - Flat (1G)  
Material - 12mm plate AS 3678 Gr 350 / Electrode XL-T1, 3.2mm 6013  
Welder - L. Simonetti

### Scope of Survey

1. Review WPS UW/ABS/001 against the requirements of AWS D 3.6 1993 / Class A.
2. Review of material and weld consumable certification.
3. Witness underwater "dry" welding of 12mm plate carried out in XLT test tank at 3 metres depth utilising unique welding equipment patented by XLT.
4. Review of ETRS Materials Testing Report Number WHM 00695/1. Sample tested after welded piece in accordance with AWS D3.6-1993 Section 5.11.4.

### Conclusion

The weld procedure is considered to comply with the requirements of AWS D 3.6 - 1993 Class A.

The application of this technique for Lloyd's Register Class repairs would remain to be determined on a case by case basis.



L.E. NOËL  
SURVEYOR TO LLOYD'S REGISTER