

~ WTIA OzWeld School of Welding Technology (SWT) ~

FACT SHEET: G-02

2012 Training Course Dates for WTIA Certified Welding Inspectors, WTIA Certified Senior Welding Inspectors, International Institute of Welding (IIW) International Welding Inspectors Basic and Standard Levels (as per AS/NZS ISO 3834)

Calling all those people who wish to have a nationally and internationally recognised career in Welding Inspection. The WTIA OzWeld School of Welding Technology and IIW Approved Training Bodies (ATBs) are offering, during 2012, the only courses in Australia which satisfy the full requirements for the globally recognised International Institute of Welding (IIW) International Welding Inspector qualifications. You will be able to obtain joint qualification and certification to both the WTIA and IIW Welding Inspection Programmes. This Fact Sheet details the 2012 training calendar, while Fact Sheet IWIB-01 (Training Pathway 1) and Fact Sheet IWI S-01 (Training Pathways 1 to 4) and Fact Sheet IWIS-02 (Training Pathways 1, 5 & 6) give more detailed information for each level of Welding Inspector.

WTIA Certified Welding Inspector and IIW International Welding Inspector Basic level (IWI B) Locations and Dates

Location	Dates	Location	Dates	Location	Dates
Melbourne, Vic	5 – 9 March	Perth, WA	12 – 16 March	Brisbane, QLD	16 – 20 April
Mackay, Qld	16 – 20 April	Sydney, NSW	7 – 11 May	Darwin, NT	14 – 18 May
Cairns, Qld	14 – 18 May	Gladstone, Qld	14 – 18 May	Brisbane, Qld	4 – 8 June
Perth, WA	2 – 6 July	Mackay, Qld	23 – 27 July	Adelaide, SA	6 – 10 August
Brisbane, Qld	20 – 24 August	Geelong, Vic	20 – 24 August	Sydney, NSW	3 – 7 September
Perth, WA	3 – 7 September	Darwin, NT	15 – 19 October	Perth, WA	12 – 16 November
Pt Augusta, SA	19 – 23 November				

NB These courses can also be held in-company or in a regional area if a sufficient number of students is available

Course Syllabus:

Scope of inspection activity, roles and responsibilities of Welding Inspector, terms and definitions, mechanical testing on welded joints, types and causes of weld imperfections, welding procedures, approvals and welder approvals. NDT Techniques: testing methods, visual inspection, liquid penetrant testing, magnetic particle testing, radiographic testing, ultrasonic testing, pressure test, dimensional tests, Quality Assurance, practical work.

Examination Information:

Examinations are undertaken under the independent jurisdiction of the Australian IIW Authorised National Body (ANB) and WTIA Qualification and Certification (Q&C) Board at dates and at locations available throughout 2012. Each training course allows students the opportunity to revise and review the information presented before writing the final examination. Students must apply to the IIW ANB (WTIA, PO Box 6165, Silverwater, NSW 1811, Tel: 02 9748 4443, Email: a.cantero@wtia.com.au to undertake the examination and satisfy all requirements and pre-requisites

Entry Requirements:

Course entry requirements are given in WTIA OzWeld Fact Sheet IWIB-01. For general guidance only, students with an International Welding Practitioner (IWP) or a higher welding qualification will gain direct entry into this training module e.g. Tradesmen, AS 1796 Cert 10 Supervisors, AS 2214 Welding Supervisors who have undertaken training. People with lower welding qualifications than IWP may also need to undertake a welding technology training module but can also apply for exemption. (Training Pathway 2 in Fact Sheet IWI B-01)

Certification Requirements:

These are also shown in WTIA OzWeld Fact Sheet IWIB-01.

Course Fee:

The course fee of \$1650.00 (Members), \$1738.00 (Non-Members) includes 42 hours tuition over 5 days, expert instruction from qualified trainers, course notes, tea and coffee (not lunch). It does not include the \$770.00 examination fee (including certification fee if applying within 6 months after the issue of the Applicant's examination results) which is due to the IIW ANB at the time of application and before sitting the examination.

WTIA OzWeld School of Welding Technology enrolment form EF-01 (SWT-17B) should be completed and returned with full payment and copies of required documents as specified in EF-01 (SWT-17B).

For further information please contact: WTIA OzWeld School of Welding Technology Tel: 02 9748 4443, Fax: 02 9748 2858 or Email: training@wtia.com.au

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WTIA Certified Welding Inspector and IIW International Welding Inspector Basic level (IWI B) Locations and Dates

Location	Dates	Location	Dates	Location	Dates
Brisbane, QLD	16 – 20 April	Mackay, Qld	16 – 20 April	Sydney, NSW	7 – 11 May
Darwin, NT	14 – 18 May	Cairns, Qld	14 – 18 May	Gladstone, Qld	14 – 18 May
Brisbane, Qld	4 – 8 June	Melbourne, Vic	4 – 8 June	Perth, WA	2 – 6 July
Mackay, Qld	23 – 27 July	Adelaide, SA	6 – 10 August	Brisbane, Qld	20 – 24 August
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FACT SHEET: IWI S-02 (Training Pathways 1, 5 and 6)

Job Title: Welding Coordinator (WC) – Senior Welding Inspector

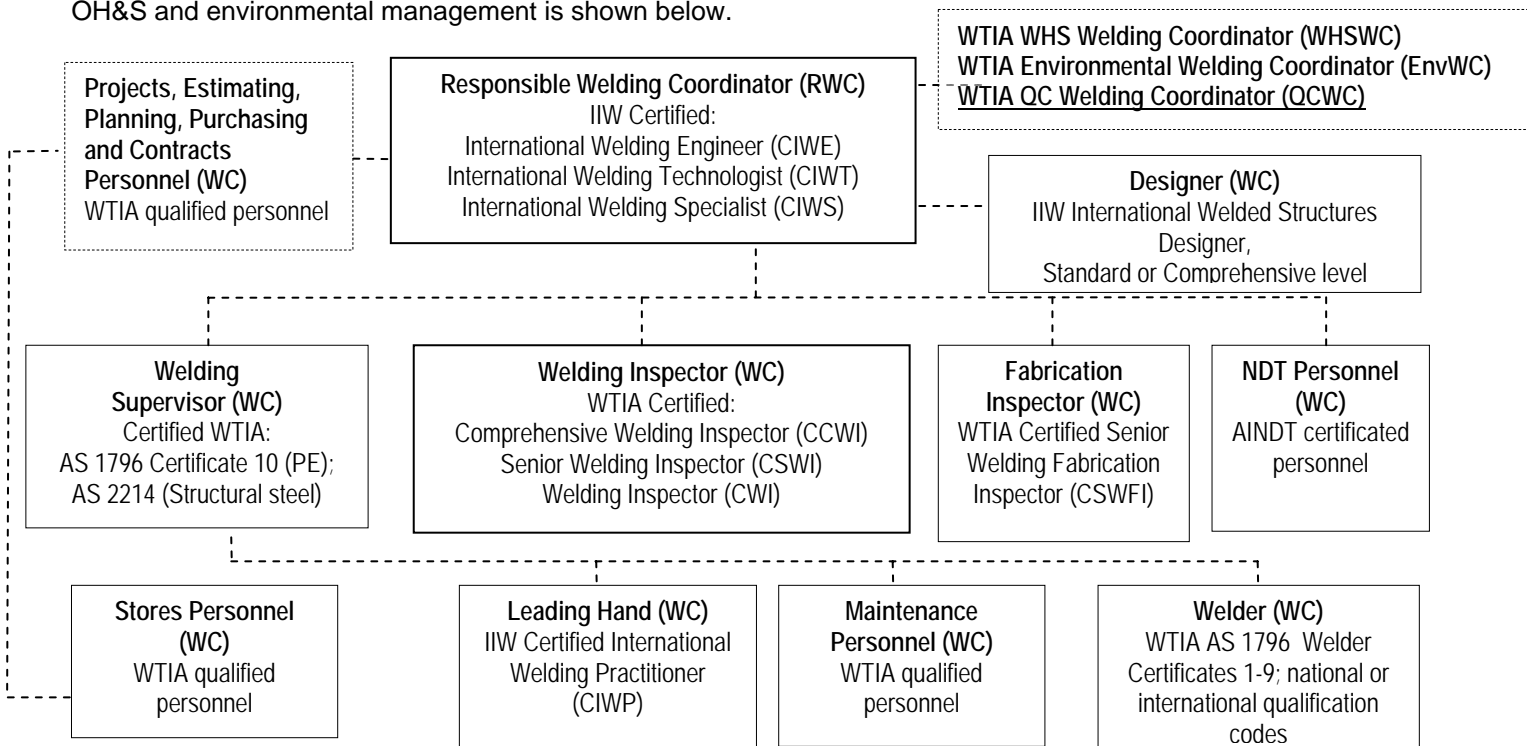
Qualification and Certification: WTIA Certified Senior Welding Inspector (CSWI) and IIW International Welding Inspector – Standard Level (IWI S)

Job Description:

- Perform, supervise or oversee assigned welding and welding-related inspection activities
- Be responsible for the satisfactory completion of tasks allocated and be authorised to sign on behalf of the organisation where delegated to.

Welding Coordination Team (WCT) Role – WC: Senior Welding Inspector

A typical company WCT with team members sharing, with the Responsible Welding Coordinator (RWC), responsibility for quality to satisfy compliance with AS/NZS ISO 3834:2008 *Quality requirements for fusion welding of metallic materials* and ISO 14731:2006 *Welding coordination – Tasks and responsibilities* as well as productivity, OH&S and environmental management is shown below.

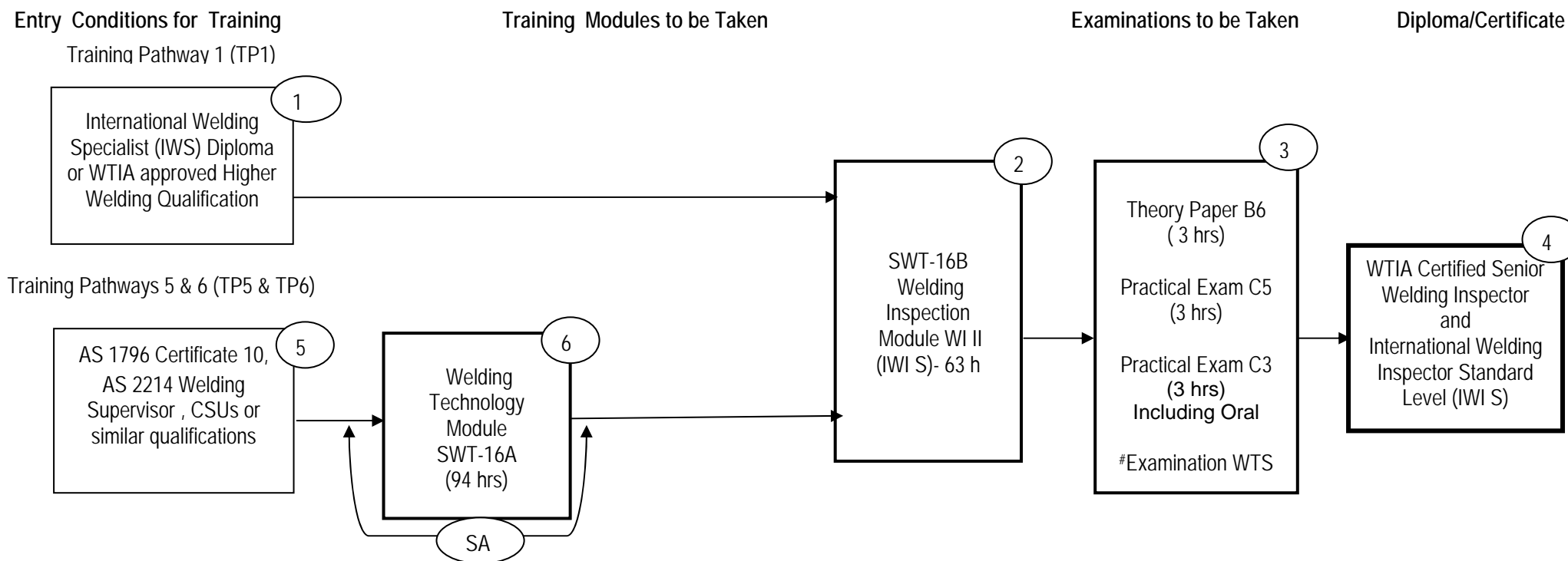


The specific welding coordination tasks & responsibilities of a WC in a company can be allocated from Table 1. More detailed activities are given in ISO 14731 or WTIA TGN-3834-05.

<ul style="list-style-type: none"> • Review of Requirements • Technical Review • Subcontracting • Welding Personnel • Equipment • Production Planning • Qualification of the Welding Procedures • Welding Procedure Specifications • Work Instructions • Welding Consumables 	<ul style="list-style-type: none"> • Materials • Inspection and Testing Before Welding • Inspection and Testing During Welding • Inspection and Testing After Welding • Post-weld Heat Treatment • Non-conformance and Corrective Actions • Calibration and Validation of Measuring, Inspection and Testing Equipment • Identification and Traceability • Quality Records
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Table 1: Key welding coordination tasks and responsibilities

TRAINING PATHWAYS TP1, TP5, TP6 AND EXAMINATION REQUIREMENTS FOR WTIA CERTIFIED SENIOR WELDING INSPECTOR AND INTERNATIONAL WELDING INSPECTOR STANDARD LEVEL FOR CANDIDATES WITH IWS, AS 1796 CERTIFICATE 10, AS 2214 WELDING SUPERVISOR, CSUs ETC



Note: For Training Pathway 5 and 6

In Training Pathway 5 (TP5), candidates complete module SWT-16A (Stage 6) before attempting module SWT-16B (Stage 2)

In Training Pathway 6 (TP6), Recognition of Prior Learning can be obtained by you doing your own self-assessment for submission to the IIW ANB for exemption from SWT-16A (Stage 6). You may then enrol for training module SWT-16B (Stage 2) and write the examination WTS at the same time as you undertake examinations B6, C5 and C3 (stage 3). Your results for B6, C5 and C3 (including oral) will only be given to you when you have passed examination WTS.

#Examination WTS is exempted for IWS candidates & Training Pathway 1 candidates

Training Pathway 1 (TP1):

If you enter the course with an IWS qualification or higher (**Stage 1**), you simply go through **Stage 2**, Module SWT-16B and **Stage 3** (Examinations B6, C5, C3 including oral, with exemption from examination WTS). If you pass, congratulations, you have achieved **Stage 4**, the International Welding Inspector Standard (IWI S) qualification and WTIA Certified Senior Welding Inspector if you meet the experience requirements for certification. Note that the practical examinations will, in addition to the IWIS examination, also cover that for an IWI B

Training Pathway 5 (TP5):

If you have an AS 1796 Certificate 10 or AS 2214 Welding Supervisor Certificate or have completed the Competency Standard Units MEM 24B or similar then you may enrol in module SWT-16A (94 hours) at Stage 6 and then complete module SWT-16B. On successfully passing the examinations WTS, B6, C5 & C3 (Stage 3) you will be awarded the IWI S diploma.

Training Pathway 6 (TP6):

If you believe that you have also obtained the qualifications, training and/or experience to obtain exemption from the full 94-hr module SWT-16A, then you can apply, under the Recognition of Prior Learning for such exemption. You may then enrol for Module SWT-16B and undertake examinations WTS, B6, C5 & C3 (Stage 3). Form AF-01 will assist you in self-assessing yourself

If you pass, through TP1, TP5 or TP6, congratulations!! You have achieved the International Welding Inspector Standard (IWI S) qualification and if you have the experience requirements for certification, the WTIA Certified Senior Welding Inspector.

Please note that passing the examination for SWT-16A does not put you to the same level as an International Welding Specialist (IWS) which requires further comprehensive training. See WTIA Fact Sheet IWS-01 for more information in this regard.

Note: For certification entry requirements contact the WTIA Q&C Board (Attn: Anabel Cantero) on 02 9748 4443 or a.cantero@wtia.com.au

CERTIFICATION ENTRY REQUIREMENTS

Ongoing certification as a WTIA Certified Senior Welding Inspector is now available in Australia. Students completing this training course, and satisfying the Australian IIW Authorised National Body (ANB) and WTIA Q&C Board joint examination requirements, will be able to also apply for certification as a WTIA Senior Welding Inspector, if they provide independent verification that they satisfy the following minimum requirements.

- Three years experience as a WTIA Certified Welding Inspector or equivalent work experience

If you do not have the necessary experience now, you can apply for certification when the experience requirements are met at a later date. After initial certification, renewal is after five years and re-certification after ten years

“WTIA National Skills Campaign” Targeting Skills Needs in all Regions to Keep Jobs in Australia

DISCLAIMER While every effort has been made and all reasonable care taken to ensure the accuracy of the material contained herein, the WTIA shall not be held to be liable or responsible in any way whatsoever and expressly disclaims any liability or responsibility for any injury or loss of life, any loss or damage costs or expenses, howsoever incurred by any person whether the reader of this work or otherwise including but without in any way limiting any loss or damage costs or expenses incurred as a result of or in connection with the reliance whether whole or partial by any person as aforesaid upon any part of the contents of this publication. WTIA reserves the right to cancel training courses due to insufficient registrations or other reasons beyond its control. Confirmation of bookings will be sent to delegates upon registration. WTIA also reserves the right to refuse registrations.

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ENROLMENT FORM : EF-05 (SWT-16B)
WTIA Certified Senior Welding Inspector and
International Institute of Welding (IIW) International Welding Inspector
Standard (IWI S) Qualification
~ Welding Inspection Module ~
Training Pathways 1, 5 and 6 (Fact Sheet IWI S-02)

1. PERSONAL DETAILS Note: Please use a black or blue pen to fill in the application. Please tick the appropriate boxes

Title	Given name	Middle Name	Family Surname
Address			Postcode
Phone ()	Fax ()	Mobile	
Company			
Date of birth	Email		
<input type="checkbox"/> I do not wish any photograph taken of me during the course to be published by the WTIA			

2. TRAINING COURSE ENTRY REQUIREMENTS

To enrol in the Welding Inspection Module SWT-16B by Training Pathway 1 (Fact Sheet IWI S-02) and be eligible to sit examinations to obtain the IIW IWI S Diploma then leading to WTIA Certified Senior Welding Inspector, students must satisfy entry requirements as detailed below. People not satisfying the direct entry requirements through Training Pathway 1, may take Training Pathway 5 or 6 as detailed in Fact Sheet IWI S-02. Please complete the questions below:

I satisfy the following course entry conditions for direct entry to IIW IWI S SWT16B Welding Inspection Module Training Pathway 1. (Note: Please submit copies of all relevant documents with this enrolment form. Copies of qualifications NOT issued by WTIA or IIW must be certified*). Please tick below.

- International Welding Specialist (IWS) Diploma; OR,
- Any other welding-related qualification higher than IWS as assessed through the IWIS alternative route, for example:

Other welding-related qualification for entry through Training Pathways 5 or 6.

- AS 2214 Welding Supervisor AS 1796 Certificate 10 Welding Supervisor

I intend to sit the written and practical examinations Yes No

Note: Any person may enrol to attend this training course without prerequisites and/or without sitting the examinations or applying for certification. If at a later stage they wish to undertake the examinations or certification, however, they must first meet all the IIW ANB and WTIA Q&C Board conditions.

3. CERTIFICATION ENTRY REQUIREMENTS

Ongoing certification as a WTIA Certified Senior Welding Inspector is now available in Australia. Students completing this training course, and satisfying the Australian IIW Authorised National Body (ANB) and WTIA Q&C Board joint examination requirements, will be able to also apply for certification as a WTIA Certified Senior Welding Inspector, if they provide independent verification that they satisfy the following minimum requirements.

- Three years experience as a WTIA Certified Welding Inspector; or equivalent work experience

If you do not have the necessary experience now, you can apply for certification when the experience requirements are met at a later date. Renewal and Re-certification are then every five years.

*Photocopies of documents and photographs can be certified by a Justice of the Peace, police officer, post office manager, doctor or similar professional person. They must print their name, contact number, occupation and date and write "This appears to be a true copy of the original document sighted by me" or "This is a true likeness of (name)", affix an organizational stamp and/or sign each copy or photograph.

4. VENUES AND COURSE DATES

Students successfully completing the training module may sit examinations jointly organised through the Australian IIW ANB and WTIA Q&C Board for IIW qualification & certification and WTIA certification. A separate application and payment (A\$770 GST inclusive) will be required as well as two recent certified* passport photographs. Further information and application forms are available through the IIW ANB and will be made available during the course.

Please tick below to indicate the date of the Course in which you wish to enrol

2012 VENUE & COURSE DATES

Location	Dates		Tick
Adelaide, SA	Part1: 16 – 20 April	Part2: 30 April – 2 May	
Perth, WA	Part1: 14 – 18 May	Part2: 13 – 15 June	
Sydney, NSW	Part1: 13 – 17 August	Part2: 17 – 19 September	
Brisbane, Qld	Part1: 15 – 19 October	Part2: 19 - 21 November	

5. COST AND PAYMENT

SWT-16B Course fee: **A\$2640.00** (GST inclusive) Members **A\$2750.00** (GST inclusive) Non-Members. Course enrolment will be acknowledged and venue details provided on receipt of completed enrolment form, supporting documentation and full payment.

Method of Payment:

tick Cheque or Money Order payable to WTIA MasterCard Visa Funds Transfer

Cardholder: _____ Amount: \$ _____

Card No: ____/____/____/____ Expiry: ____/____

Signature: _____ Date: _____

Please invoice company for payment

Contact Person for payment: _____ Purchase Order Number _____

Company _____

Mailing address: _____

Ph: _____ Fax: _____ Email: _____

Funds may be transferred to the following account details. Please return a remittance advice to fax: 02 9748 2858 or email training@wtia.com.au National Australia Bank, BSB No:- 082 330. Account No: 047162875. Branch: 28 George Street, Parramatta, NSW Account Name: Welding Technology Institute of Australia.

I confirm that the information that I have given is correct:

Signature: _____ Date: _____

Important Note

Before mailing the completed enrolment form, please ensure that all relevant selections have been ticked, the relevant documentation (certified if necessary) and payment have been supplied, and ascertain that your application is complete in all respects. **Applications cannot be processed until all information is received.**

Post the completed application form to: **WTIA OzWeld School of Welding Technology, PO Box 6165, SILVERWATER NSW 1811.** For further enquiries, contact the WTIA Education and Training Administrator or Manager on Tel: 02 9748 4443 or Email: training@wtia.com.au

For further enquiries, contact the WTIA Education and Training Administrator or Manager on Tel: 02 9748 4443

For Office use only:

Approved: Education & Training Manager _____ Date _____
 Processed: Education & Training Administrator _____ Date _____

CANCELLATIONS AND REFUNDS: For cancellations received within 15 working days of a course, 100% of the fees will be charged. Another eligible person may attend in lieu of the cancellation. The WTIA OzWeld School of Welding Technology reserves the right to cancel or change dates of any training course due to insufficient registrations or other reasons beyond its control, and also reserves the right to refuse enrolments.

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