

 ANB	STANDARD FORMS AND DATA	SF 001A	Rev.: 3
	Control Manual	APPLICATION TO ENTER THE IIW INTERNATIONAL WELDING INSPECTOR COURSE VIA THE ALTERNATIVE ROUTE	June 2013

Use this form to apply for exemption from Welding Technology 1 (IWI -B) or Welding Technology 2 Module (IWI-S) based on your previous experience and education.

SECTION 1: APPLICATION INFORMATION

Name				
	Title	First Names		Surname
Date of Birth				
Company:				
Address:	Contact address for Correspondence			
Phone:		Mobile:		
Email:				

SECTION 2. COURSE TO BE TAKEN

Tick ✓ the appropriate boxes

- International Welding Inspector - Basic (IWI-B); go to Section 3
- International Welding Inspector - Standard (IWI-S); go to Section 4

SECTION 3. REQUIREMENTS FOR EXEMPTION FROM WT1 MODULE (IWI-B)

1	Hold an International Welding Practitioner (IWP) diploma, or meet IWP access conditions: <ul style="list-style-type: none"> • hold an all-positional welder qualification such as 6G, or NZ National Certificate in Engineering (or related discipline) Level 3, or equivalent, • be 20 years of age, • have a minimum of 2 years experience as a welder. 	<input type="checkbox"/>
2	A curriculum vitae (CV)/resume containing: <ul style="list-style-type: none"> • Evidence of at least two years job function in welding and inspection at the IWP level (see Note) in a period of 2 years before application. • A justification of the candidate's experience, training, and education to become IWI-B using the assessment checklist in Section 7. 	<input type="checkbox"/>

Note:

The IIW Practitioner job function level is the equivalent to Level 4 on the NZQA Qualifications Framework.

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SECTION 4. REQUIREMENTS FOR EXEMPTION FROM WT2 MODULE (IWI-S)

1	<p>Hold an International Welding Specialist (IWS) diploma or evidence of satisfying the access conditions for IWS. The IWS access conditions are:</p> <ul style="list-style-type: none"> • hold a NZ National Certificate in Engineering (or related discipline) Level 4, or equivalent (e.g. a Trade Certificate, welding supervisor qualification or comparable overseas qualifications), • be 20 years of age, • have a minimum of 2 years job related experience. 	<input type="checkbox"/>
2	<p>A curriculum vitae (CV)/resume containing:</p> <ul style="list-style-type: none"> • Evidence of at least two years job function in welding and inspection at the IWS level (see Note) in a period of 3 years before application. • A justification of the candidate's experience, training, and education to become IWI-S to become IWI-S using the assessment checklist in Section 7. 	<input type="checkbox"/>

Note:

The IWS job function level is the equivalent to Level 5 on the NZQA Qualifications Framework.

Applications must include certified copies of:

1. qualification(s)
2. driver licence or passport
3. curriculum vitae (CV)/resume.

Applications not accompanied by certified copies of documents will not be processed. Certified means signed by the HERA ANB Chief Executive (this can be done at HERA), a Justice of the Peace, a Police Officer, a Minister of Religion or a Chartered Professional Engineer, stating that it is a true copy of the original. Qualifications obtained at HERA do not require certified copies of documents.

SECTION 5. THE ASSESSMENT PROCESS

The ANB will conduct a paper assessment of the documentation submitted to ensure the applicant meets the Access Conditions of the Section 3 or 4 as applicable and, if positive, detailed paper assessment of applicant's welding knowledge based on evidence provided in Section 7.

The outcome of the HERA ANB assessment process is either:

1. the application is declined and you are required to take the relevant Welding Technology Module, or
2. the requirement to take the Intermediate Examination before admission to a Welding Inspection Course WI 1 or WI 2, or
3. direct admission to the relevant Welding Inspection Course IWI-B or IWI-S.

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SECTION 6. PAYMENT

FEES

			HERA Member	Non-member
Stage 1		For holders of a HERA Welding Supervisor qualification to AS 2214	No Fee	No Fee
Stage 2	Paper Assessment		No Fee	\$120
TOTAL				

Fees shown are inclusive of GST.

Payment Details

Please invoice (HERA members only) Purchase Order No. _____ HERA Membership No. _____

Cheque enclosed (Make cheques payable to HERA)

Please debit: Visa Mastercard

Card Number:

Name on card:

Expiry date:

Signature

Send the completed application form to: HERA ANB
PO Box 76 134, Auckland City 2104
Email: admin@hera.org.nz

5. CHECKLIST

- All required sections of this form completed including Section 7 (Pages 4 and 5).
- Certified copy of qualification(s).
- Certified copy of driver licence or passport.
- Curriculum vitae (CV)/resume (refer to Section 3 of 4 as applicable).

Signed

Date

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SECTION 7: DETAILED ASSESSMENT OF KNOWLEDGE - ASSESSMENT CHECKLIST

IIW syllabus No.	IWI-B Hrs. (approx.)	IWI-S Hrs. (approx.)	Module 1 Welding Processes	Claimed hours of training	Supporting evidence that each item has been met e.g. approx. hours of courses attended, work experience, qualifications.	For ANB use. Points
1.9	1	2	Manual Metal arc welding			
1.7	1	1	Tungsten-inert gas welding			
1.8	0.5	1	MIG / MAG and Flux Cored welding			
1.8	0.5	1	Flux Cored welding			
1.16	1	1	Brazing methods			
1.13	1	2	Thermal Cutting			

IIW syllabus No.	IWI-B Hrs. (approx.)	IWI-S Hrs. (approx.)	Module 2 Materials	Claimed hours of training	Supporting evidence that each item has been met e.g. approx. hours of courses attended, work experience, qualifications.	For ANB use. Points
2.1 - 12	17	25	Plain carbon-manganese steels Fine grained steels Quenched and tempered steels Medium carbon steels			
2.14	0	0	Alloy steels: Cr-Mo, and vanadium steels			
2.16	1	2	Stainless steels: Ferritic and martensitic			
2.16	2	3	Stainless steels: Austenitic and duplex			
2.13	1	1	Low temperature Steel: 9% Ni- alloys			
2.23	2	3	Aluminium and Al alloys			
2.22	0	1	Nickel and Ni alloys			
2.20	0	1	Cast iron			

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No.	IWI-B Hrs. (approx.)	IWI-S Hrs. (approx.)	Module 3 Subject	Claimed hours of training	Supporting evidence that each item has been met e.g. approx. hours of courses attended, work experience, qualifications.	For ANB use Points
3.1-2	2	3	Stresses and strains			
3.3-4	3	3	Joint design & design principles of welded structures			
3.5-6	2	3	Design of welded structures - static loading			
3.7-8	2	3	Design of welded structures - dynamic loading			
3.10	1	1	Design of aluminium structures			

No.	IWI-B Hrs. (approx.)	IWI-S Hrs. (approx.)	Module 4 Subject	Claimed hours of training	Supporting evidence that each item has been met e.g. approx. hours of courses attended, work experience, qualifications.	For ANB use Points
4.1	3	5	Quality assurance in welded constructions			
4.2, 4.6	5	8	Quality control during manufacture			
4.3	2	2	Welding stresses and distortion			
4.4	1	1	Plant facilities. Welding jigs and fixtures			
4.5	2	2	Health and safety			
4.7	1	1	Non-destructive testing			
4.9	2	2	Repair welding			

