

Guide to Assist Candidates

Applying for Certification as
Welding Inspectors

to

CSA Standard W178.2
“Certification of Welding Inspectors”



September 2018

INTRODUCTION

CSA Standard W178.2, "Certification of Welding Inspectors" was first published by the Canadian Standards Association in 1982. This Standard assists inspection companies and industry in assessing the skills of employees or prospective employees, specifically for the visual inspection of welding and welded components.

There are three levels of welding inspector with Level 3 being the most senior.

EXPERIENCE AND EDUCATION REQUIREMENTS FOR LEVEL 1, 2 & 3 WELDING INSPECTORS

To be eligible for certification as a Level 1 welding inspector, candidates must meet the requirements in either (a), (b), or (c) below:

- (a) Obtained at least one year of experience in one or more of the following areas:
 - layout and fitting;
 - manual, semi-automatic, or automatic welding;
 - welding inspection;
 - welding supervision;
 - weld testing; and
 - welding instruction;
- (b) Successfully completed recognized courses (minimum 2 years in length) in the fundamentals, principles and practices of welding and quality control and inspection of welding, with a large portion of the training based on practical applications.
- (c) Obtained at least six months of experience in one or more of the areas specified in (a) and successfully completed recognized courses in the fundamental principles and practices of welding, quality control, and welding inspection.

For certification as a Level 2 welding inspector, candidates must have at least 2 years of experience as a certified Level 1 welding inspector performing welding inspection under qualified supervision. The standard defines "Qualified Supervision" as: "The supervision of candidates by Level 2 or Level 3 personnel certified to this Standard, or by non-certified personnel who, in the opinion of the CWB, possess the knowledge, skills training, and experience required to perform such supervision."

For certification as a Level 3 welding inspector, candidates must have at least 4 years of experience as a certified Level 2 welding inspector.

THE CERTIFICATION PROCESS

1. Complete the application and proof of vision forms (CWB Forms 450 and 455). If you are not currently certified as a welding inspector, you must apply for certification in Level 1. To be eligible, candidates must have welding or inspection related experience and/or have completed recognized courses in the welding field as noted in CSA Standard W178.2. Persons who were previously certified but whose certification has lapsed are eligible to apply for the level of certification they previously held providing they meet the eligibility requirements of CSA Standard W178.2 and their past certification status can be verified by the CWB.

The personal information presented on the application form is strictly confidential. No information about an applicant will be given to any other person or organization without the consent of the applicant.

The application form must be fully completed. **Résumés will not be accepted.** The following provides guidance to several specific parts of the application form:

Part 3 - Level of Certification Desired: If you are eligible for a specific level, your choice will be recognized. If you are not currently certified, you must start at Level 1 unless you are eligible to apply for certification in a higher level as permitted by Clause 8.1.1(d) and (e) of CSA Standard W178.2. This clause permits practicing welding inspectors, in exceptional cases, to qualify in Level 2 or Level 3. Refer to page 7 of this Guide for details.

Part 4 - Educational Background: This is significant if you are applying for Level 1 and do not have practical experience.

Part 7 - Previous Inspection Certification: This entry could be meaningful if you are eligible to transfer into the CSA Standard W178.2 program based on a qualification granted by the American Welding Society, (AWS), The Welding Institute (TWI) or the American Petroleum Institute (API). Refer to pages 8, 9 and 10 of this Guide for details.

Part 10 - References: Level 1 Welding Inspectors must perform inspection under qualified supervision. In order to apply for certification to Level 2, you must provide the name of at least 1 individual who meets the definition of “Qualified Supervision” and who supervised you or can attest to your work as a welding inspector in the last 2 year period. “Qualified Supervision” as defined in CSA W178.2 reads as follows: *The supervision of Level 1 inspectors by Level 2 or Level 3 personnel certified to this Standard, or by non-certified personnel who, in the opinion of the CWB possess the knowledge, skills training, and experience required to perform such supervision. The supervisor shall be able to be in contact in person or electronically with his attending with a reasonable delay in order to protect the integrity of the work of his attendee.*

Part 11 – Product Category: Ensure that you have indicated the Product Category to which your certification will apply. The open book examination that you will be required to write will be based on the Product Category chosen. Candidates are to select one Product Category for their initial certification in the Level chosen. Other Product Categories may be added after certification has been obtained. A fee of \$80 plus applicable taxes is charged for each additional Product Category. Examination requirements are specified in CSA Standard W178.2.

Part 12 - Code of Ethics: Sign and date the declaration signifying your acknowledgement of the CSA Standard W178.2 Code of Ethics.

Parts 13 to 15 - Qualifying Work Experience: Provide details of your work experience. **Resumes will not be accepted.**

2. Send the application and proof of vision forms and fee (include applicable taxes) to the nearest CWB office. The address of each CWB office is shown on the last page of this Guide. Include applicable supporting documentation for welding related work experience and training courses. Certification fees are shown on Page 8 of this Guide. Incomplete application forms will be returned, which will delay the processing of your application.
3. Upon receipt of your application form by the CWB, it will be reviewed and you will be advised as to whether or not you are eligible to write the examinations for the level that you selected (See CSA Standard W178.2 for eligibility requirements). Examinations are held in the CWB offices across the country, however if a group is too large to handle locally, other arrangements may be made. If the examination date is unsuitable, advise the CWB as soon as possible so that other arrangements can be made.
4. If the CWB determines that you are **not** eligible to write, your fee will be returned less a \$55.00 service charge. Should you reapply at a later date when the experience and/or educational requirements have been fulfilled, the full fee is payable. Eligibility requirements are specified in CSA Standard W178.2.
5. If you successfully complete the examinations, you will receive a Welding Inspector Certificate and a wallet certification card.

6. Upon request, the CWB will provide Level 2 and Level 3 certified welding inspectors with a personalized stamp, which may be used on reports and other inspection related documents. The stamp shows the welding inspector's name, registration number and level and states that he or she is a certified welding inspector. Contact CWB for further information, including cost.

For additional information, please visit the CWB's website at www.cwbgroup.org.

EXAMINATIONS

The examinations required for certification in each level are shown in the following tables. The passing grade is 70% for each examination. The number of questions may vary from time to time. Examination results are mailed to candidates normally within 4 weeks of the examination day.

Level	Exam Type	Exam subject	Typical Number of Questions	Time Limit (hrs)
1	Closed book	Basic Welding inspection and basic welding fundamentals	75 multiple choice questions	2
	Open book	Standard/Code	45 multiple choice questions	2
		CSA Standard W178.2	15 multiple choice questions	.5
	Practical Reporting &	Samples for Visual Detection and Identification, assessment and descriptive reporting of basic weld faults	5 Samples	.75
2	Closed book	Basic materials science, advanced welding fundamentals and other welding inspection techniques	150 multiple choice questions	3.5
	Open book	Standard/Code**	45 multiple choice questions	2
		CSA Standard W178.2	15 multiple choice questions	.5
	Practical Reporting &	Samples for Visual Detection and Identification, assessment and descriptive reporting of weld faults, dimensional faults, material deficiencies and structural discontinuities	5 Samples	.75
3	Closed book	Welding metallurgy, advanced materials science, QA/QC management systems	150 multiple choice questions	3.5
	Open book	Standard/Code***	45 multiple choice questions	2
		CSA Standard W178.2	15 multiple choice questions	.5

* All new candidates for certification to Level 1 must write the examination on CSA Standard W178.2 All candidates upgrading to a higher level must also write the examination on CSA Standard W178.2 unless it was written while qualifying at a lower level. The examination on CSA Standard W178.2 is only required to be written once.

** Not required if upgrading from Level 1 to Level 2.

***Not required if upgrading from Level 2 to Level 3.

For candidates writing directly to Level 2 via Clause 8.1.1(d), a closed book exam on descriptive report writing is required in addition to the four exams indicated above. This exam consists of five essay questions, and has a one hour time limit.

For candidates writing directly to Level 3 via Clause 8.1.1(d), a closed book exam on descriptive report writing and the practical & reporting exam are required in addition to the three exams indicated above. The report writing exam consists of five essay questions, and has a one hour time limit. Please refer above for details on

the practical & reporting exam.

Candidates who have successfully completed an acceptable training course in the Fundamental Principles and Practices of Welding and Quality Control and Inspection of Welding as stated in CSA Standard W178.2 are entitled to write a shorter version of the closed book examination. This exemption does not apply to candidates who are eligible to challenge the higher level exams under clause 8.1.1(d) and (e) of CSA Standard W178.2. All other examinations remain as noted above. Courses from other organizations, which are comparable to the CWB modular program will qualify candidates for writing the shorter exam versions.

All candidates applying for certification must begin the examination process within one (1) year of their application date. Otherwise, their application for certification will be terminated.

Once the initial examinations have been challenged in a single sitting, all candidates must successfully complete all required examinations for the desired level within one (1) year from the date of the initial sitting. Otherwise, their application for certification will be terminated. Note that this includes the successful completion of any examination rewrites that may be required.

Candidates who do not start or complete the examinations within this time period may reapply for certification at any time. All examinations applicable to the Level sought must be successfully completed in order to obtain certification. Examinations that were successfully completed from a prior application cannot be recognized.

The standards on which open book examinations may be written are as follows:

Product Category	<u>Standard/Code</u>
Buildings, Bridges, Industrial Structures, Machinery, Cranes, Rail and Road Vehicles (Steel)	CSA W47.1 Certification of Companies for Fusion Welding of Steel, and CSA W59 Welded Steel Construction (Metal Arc Welding)
Buildings, Bridges, Industrial Structures, Machinery, Cranes, Rail and Road Vehicles (Aluminum)	CSA W47.2 Certification of Companies for Fusion Welding of Aluminum, and CSA W59.2 Welded Aluminum Construction (Welding)
Ships and Floating Marine Structures	ABS Rules for Materials & Welding Part 2 And ABS Guide for Nondestructive Inspection of Hull Welds
Fixed Steel Offshore Structures	CSA W59 Annex U Welding of Fixed Steel Offshore Structures
Power Piping	ASME B31.1 Power Piping
Industrial Piping	ASME B31.3 Process Piping

Product Category	<u>Standard/Code</u>
Pipelines	CSA Z662 Oil and Gas Pipeline Systems
Pressure Vessels, Boilers and Heat Exchangers	ASME Boiler and Pressure Vessel Code, Sections VIII-Div.1 & IX
Storage Tanks	API 650 Welded Tanks for Oil Storage
Storage Tanks	API 653 Tank Inspection, Repair, Alteration and Reconstruction

You must bring your own copy of the standard/code on which you intend to write the open book examination. Candidates frequently use earlier or later editions of the applicable standard/code for the open book examination, which is entirely their option. In most cases, examinations will be based on the most current edition of the code/standard. Individuals may contact the CWB Call Center to verify code/standard edition in use for specific code exam.

Initial writing of the examinations at any level requires that they be completed during a “single sitting”. The term "single sitting" means that you write all of the examinations in one day. For the longer sessions (Level 2 and Level 3), candidates may take a lunch break.

You must bring the following to the exam session:

- Identification;
- Standard or code for the open book examinations;
- Non-programmable calculator (the examination may involve a few basic calculations);
- Pens, pencils, eraser, sharpener, ruler as required.

For the practical/reporting exam, candidates are supplied with a generic welding standard, fillet weld gauges, bridge cam gauge, cam gauge, v-wac gauge, and a ruler. Candidates are permitted to bring the following tools:

- magnifying glass
- depth gauge
- hi-lo gauge
- mirror
- flashlight

Prior to writing any examinations, candidates must review and sign CWB Form 696 “Academic Code of Conduct” to confirm that they will comply with all rules of the examination process.

If you fail an examination, there is no waiting period to rewrite. However, before rewriting an examination, it is strongly recommended that you take some additional time to re-study the subject material.

There is no restriction on the number of examination rewrite attempts permitted, however candidates must successfully complete all examinations, including rewrites, and within one (1) year from the date of the first examination challenged otherwise their application for certification will be terminated.

Two business days advance notification must be provided to the CWB if you are going to miss an examination date in which you are scheduled to write. Failure to notify the CWB within this time period will result in a \$55.00 service charge, which will be payable before you can write the examination at a later date.

Examination Reviews

The following conditions apply to any candidate who requests a review of their exam results:

- The review consists of a general overview of errors made on the exam, and provides information regarding areas of knowledge weakness. An exam review is **not** a review of each individual exam question, and is **not** a remarking of the exam.
- Reviews will not be completed by any particular timeline and could take as long as 30 days.
- Exam reviews must be requested within no more than 3 months from the exam writing date. Reviews will not be conducted after this time period.
- Exam reviews are only available during office hours (Monday-Friday, 8:00-4:30), and are performed over the phone.
- A refund of the exam review fee, less a \$55 administration charge, will be issued upon request provided that the review has not commenced.
- Candidates are responsible for arranging with the CWB a mutually agreeable date and time to discuss the review findings.

RENEWAL / RECERTIFICATION

The certification period for all welding inspectors is three years. To renew their certification, certified welding inspectors are required to apply on or before the expiry date of their certification. At that time, they must provide evidence of satisfactory vision (CWB Form 455) and their continuing involvement in welding examination or testing (CWB Form 457).

At six year intervals, certified welding inspectors must be re-certified either by completing a practical and reporting examination or by successful completion of 40 hours of recognized courses in the previous three years. Refer to Clause 10 of CSA Standard W178.2 for the mandatory renewal and recertification requirements.

Welding inspectors who fail to renew by the expiry date will lose their certification. CWB will mail notices regarding renewals and six-year re-examinations. Certified inspectors are responsible for informing the CWB of any change in their contact information.

Welding inspectors are responsible for ensuring the continuity of their certification. The CWB is not responsible for ensuring that inspectors meet the renewal and/or recertification requirements.

Certified inspectors may renew their certification as early as six months prior to their expiry date, but not any earlier.

Successfully written practical examinations at a higher level will only be recognized towards recertification if completed within six months of the recertification expiry date.

STUDY MATERIALS

Annex A of CSA Standard W178.2 contains a sample course guideline for candidates preparing for certification as welding inspectors.

A few examples of study material for the closed book examination on the Fundamentals of Welding Technology and Inspection are provided below. Study material for the open book examination is the applicable standard or code.

- a) The CWB, a Division of the CWB Group, has numerous study modules covering most of the topics found on the examination (welding process, welding symbols, electrodes, inspection methods, etc.).

- b) The American Welding Society produces detailed handbooks on welding technology including Jefferson's Welding Encyclopedia.
- c) American Society for Metals, Metals Handbook.
- d) Modern Welding Technology, by Howard B. Cary.
- e) Welding Principles and Applications, by Larry Jeffus.
- f) Metallurgy for the Non-Metallurgist, by Harry Chander.
- g) INTEG (International NDT Education & Training Group) a Division of the CWB Group provides courses and texts for the various nondestructive test methods.
- h) Training materials from the Codes and Standards Training Institute (CASTI)

FEES (Add applicable tax)

	Level 1	Level 2	Level 3
Certification Fee	\$460.00	\$460.00	\$460.00
Open Book Code Exam (for additional standard/code endorsement)	\$80.00	\$80.00	\$80.00
Six-Year Recertification Fee -Practical examination	\$80.00	\$80.00	\$80.00
Renewal Fees (every 3 years)	\$270.00	\$270.00	\$270.00
Stamp Plus shipping	N/A	\$80.00 \$25.00	\$80.00 \$25.00
Rewrite per exam of any type for any level	\$135.00	\$135.00	\$135.00
Upgrade Examinations	N/A	\$270.00	\$270.00
Special Route Assessment Fee **Note: Includes review of application by Region, Interview of candidate, review by Registrar and GM.	N/A	\$190.00	\$190.00

Payment by Visa, MasterCard, or American Express is accepted by CWB. Download Form 1049 from www.cwbgroup.org to use this option.

Fees, less a service charge, are refundable only within 30 days from receipt of payment. The fees noted above apply to all candidates and may change from year to year. Please add applicable taxes to all fees shown above. There is a \$32.00 bank service charge for NSF cheques.

REQUIREMENTS FOR CANDIDATES APPLYING FOR CERTIFICATION VIA CLAUSE 8.1.1(d) & (e)

This clause allows practicing welding inspectors to qualify directly in Level 2 or Level 3. In Clause 8.1.1(d), candidates seeking certification in Level 2 shall have at least 5 years of prior welding inspection experience and candidates seeking certification in Level 3 shall have at least 10 years of prior welding inspection experience. In

Clause 8.1.1(e), candidates with at least two years of teaching experience related to welding fundamentals and welding inspection may apply directly for certification in Level 2. Candidates seeking certification must submit CWB Form 450 and must describe in detail and provide relevant documentation showing their visual welding inspection experience. An additional non-refundable fee of \$190.00 plus applicable taxes applies.

Please note the following specific rules about application:

- Only one application per individual and only one application per Level
- Application will expire within 365 days of the Acceptance Date
- Application fee is non-refundable

Visual welding inspection must currently be or have been the candidate's primary day-to-day job function. Experience as a welder, fitter, welding supervisor, project manager, engineer, NDE operator for other inspection processes such as RT, UT, MT, PT etc., or welding instructor is not considered as relevant experience.

Candidates are not eligible for examination exemptions or reductions based on prior examinations, courses taken, or other certifications (i.e. AWS, API, CWB). Candidates must write the full set of examinations, including the long version of the applicable closed book examination.

An interview will be held with each candidate to review his or her application, discuss work experience as a welding inspector, educational background etc.

Candidates must also provide the name of at least one reference who can attest to their experience.

All required examinations shall be written within 365 days from the Acceptance Date. Candidates will be given only one (1) attempt to pass the required examinations. Candidates who fail any examination on the first attempt will be given another opportunity to qualify. However, all of the examinations for the level sought must be re-written.

Candidates, who on the second attempt fail one or more of the examinations, are disqualified from writing further examinations at the higher level under this process.

Candidates who do not achieve certification in Level 2 or 3 are allowed to obtain certification in Level 1. Any of the examinations that were successfully completed will be recognized towards meeting Level 1 certification requirements.

RECOGNITION OF QUALIFICATIONS GRANTED BY OTHER ORGANIZATIONS

The CWB recognizes the welding inspector certifications granted by the American Welding Society (AWS) and The Welding Institute (TWI) and the American Petroleum Institute (API) Pressure Vessel and Piping Inspector certifications, subject to the following limitations.

The following table defines the experience requirements and reciprocity provided for each level of certification.

Welding Inspector Equivalency Requirements

* Experience required means years of experience as a certified inspector under the applicable certification scheme.

** Candidate must provide proof of continuous AWS certification

Certification Type	Cert'n Currently Valid	Experience Req'd For Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms & Other Documents Required for Initial Certification
		Level	Years				
API 510	Yes	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	ASME BPVC Sections VIII & IX Candidates who have held API 510 certification for six (6) or more years are required to write CWB code endorsement.	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD.	450, 455 + proof of API certification. Proof must show initial certification date.
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
	No	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			

Certification Type	Cert'n Currently Valid	Experience Req'd For Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms & Other Documents Required for Initial Certification
		Level	Years				
API 570	Yes	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	ASME B31.3 Candidates who have held API 570 certification for six (6) or more years are required to write CWB code endorsement.	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Report, or CPD	450, 455 + proof of API certification. Proof must show initial certification date.
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
	No	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			

Certification Type	Cert'n Currently Valid	Experience Required for Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms and Other Documents Required for Initial Certification
		Level	Years				
API 650	Yes	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Candidates who have held API 650 certification for six (6) or more years are required to write CWB code endorsement	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Report, or CPD	450, 455 + proof of API certification. Proof must show initial certification date.
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
	No	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
API 653	Yes	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Candidates who have held API 653 certification for six (6) or more years are required to write CWB code endorsement	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Report, or CPD	450, 455 + proof of API certification. Proof must show initial certification date.
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
	No	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	
		Level 2	3	Closed Book Practical & Reporting CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			

Certification Type	Cert'n Currently Valid	Experience Required for Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms and Other Documents Required for Initial Certification
		Level	Years				
TWI Visual Welding Inspector	Yes or No	Level 1	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CW Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	450, 455 + copy of TWI Cert of Proficiency.
		Level 2	2	Closed Book Practical & Reporting CSA W178.2			
TWI Welding Inspector	Yes or No	Level 2	N/A	Closed Book Practical & Reporting CSA W178.2			
		Level 3	4	Closed Book Practical & Reporting CSA W178.2			
TWI Senior Welding Inspector	Yes or No	Level 2 or 3	N/A	Closed Book Practical & Reporting CSA W178.2			

Certification Type	Cert'n Currently Valid	Experience Required for Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms and Other Documents Required for Initial Certification
		Level	Years				
AWS Certified Associate Welding Inspector	Yes	Level 1	N/A	CSA W178.2	Code endorsement as written for AWS certification	Renewal (3 yr.) CWB Form 455 & 457 Proof of continuous AWS certification	450, 455 + copy of certificate, test score report & wallet card
		Level 2	2	Closed Book Practical & Reporting CSA W178.2		Recertification (6 yr.) Proof of continuous AWS certification. Practical & Reporting and CPD waived. **	
	No	Level 1	2	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457	
		Level 2	2	Closed Book Practical & Reporting CSA W178.2		Recertification (6 yr.) Practical & Reporting or CPD	
		Level 1	2	Closed Book Practical & Reporting CSA W178.2		Renewal (3 yr.) Same as any other welding inspector. CWB Form 455 & 457	
		Level 2	2	Closed Book Practical & Reporting CSA W178.2		Recertification (6 yr.) Practical & Reporting or CPD	

Certification Type	Cert'n Currently Valid	Experience Required for Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms and Other Documents Required for Initial Certification
		Level	Years				
AWS Certified Welding Inspector	Yes	Level 1	N/A	CSA W178.2	Code endorsement as written for AWS certification	Renewal (3 yr.) CWB Form 455 & 457 Proof of continuous AWS certification Recertification (6 yr.) Proof of continuous AWS certification. Practical & Reporting and CPD waived.**	450, 455 + copy of certificate, test score report & wallet card
		Level 2	2	CSA W178.2			
		Level 3	7	Closed Book Practical & Reporting CSA W178.2 No reciprocity for Level 3.			
		Level 1	N/A	Closed Book Practical & Reporting CSA W178.2			
	No	Level 2	2	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	
		Level 3	7	Closed Book Practical & Reporting CSA W178.2			
AWS Senior Certified Welding Inspector	Yes	Level 2	N/A	W178.2	Code endorsement as written for AWS certification	Renewal (3 yr.) Proof of continuous AWS certification. CWB Form 455 & 457 Recertification (6 yr.) Proof of continuous AWS certification. Practical & Reporting and CPD waived.**	
		Level 3	7	Closed Book Practical & Reporting CSA W178.2 No reciprocity for Level 3.			
	No	Level 2	N/A	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting, or CPD	

Certification Type	Cert'n Currently Valid	Experience Required for Level Sought*		Exams Required	Product/Standard Endorsement	Renewal / Recertification Requirements	Forms and Other Documents Required for Initial Certification
		Level 3	7	Closed Book Practical & Reporting CSA W178.2	Code endorsement as written through CWB	Renewal (3 yr.) CWB Form 455 & 457 Recertification (6 yr.) Practical & Reporting or CPD	

The CWB, federally incorporated, "not-for-profit" organization is accredited by the Standards Council of Canada as a Certification Body for the administration of CSA Standards W47.1, W47.2, W48, W178.1 and W186.

Le CWB, un organisme fédéralement incorporé sans but lucratif est accrédité par le Conseil canadien des normes comme une organisme de certification pour l'administration des normes CSA W47.1, W47.2, W48, W178.1 et W186.



HEAD OFFICE / SIEGE SOCIAL
8260 Parkhill Drive, Milton, Ontario L9T 5V7
Telephone: 1-800-844-6790
Fax: (905) 542-1318
WEB: www.cwbgroup.org

OFFICES ACROSS CANADA / BUREAUX À TRAVERS LE CANADA

Western Operations:	206 – 19 Avenue, Nisku Industrial Park, Nisku, AB T9E 0W8 203 – 1555 St. James Street, Winnipeg, MB R3H 1B5
Ontario Operations:	8260 Parkhill Drive, Milton, Ontario L9T 5V7
Québec Operations:	4321 Autoroute des Laurentides, Laval, Québec H7L 5W5
Atlantic Operations:	50 Eileen Stubbs Avenue, Unit 130, Dartmouth, NS B3B 0M7