



**W178.2**

# APPLICATION FOR CERTIFICATION AS WELDING INSPECTOR

**IMPORTANT:** Applications **MUST** be completed in full. Incomplete applications can cause delays in processing and may be returned to the applicant. Upon completion, please submit one copy of this form to the nearest office of the Canadian Welding Bureau (see region office addresses on the last page) and retain a copy for your file.

**1. Applicant's Name:**

First Name	Middle Name	Last Name	Tel.:	Residence
Address:			Tel.:	Business
Street			Tel.:	Cell
City:	Province	Postal Code		
Email:			Fax:	

**Certified inspectors are responsible for informing the CWB of any change in their contact information.**

2. If you are currently or were previously certified to CSA Standard W178.2 , provide your Registration Number: \_\_\_\_\_

**3. Level of Certification Desired: (See experience requirements for each level below)**

3.1  Level 1  Level 2  Level 3

The minimum years of welding or inspection experience is as follows:

(a) For Level 1 certification, the candidate shall have obtained at least one year of experience in one or more of the areas specified in Clause 9.1.2 of CSA Standard W178.2; or successfully completed recognized courses in the fundamental principles and practices of welding, quality control, and welding inspection.

(b) For Level 2 certification, the candidate shall have at least two years of experience as a certified Level 1 welding inspector.

(c) For Level 3 certification, the candidate shall have at least four years of experience as a certified Level 2 welding inspector.

(d) In exceptional cases, practicing welding inspectors may be eligible to qualify directly as Level 2 or Level 3. In such cases, candidates shall demonstrate that their combination of education, training, and experience is equivalent to either Level 2 or Level 3.

3.2 All candidates applying for certification must successfully complete the required examinations **within one year** from their application date for certification in the desired level, otherwise their application for certification will be terminated.

4. If applicable, identify recognized training courses in the Fundamental Principles and Practices of Welding and Quality Control and Inspection of Welding that you have successfully completed.

NAME OF INSTITUTION	NAME OF COURSE OR PROGRAM OF STUDY	DATE STARTED (MM / YYYY)	DATE COMPLETED (MM / YYYY)	TOTAL # OF MONTHS FOR COURSE OR PROGRAM

**5. Certification Fee**

The certification fee including applicable tax is payable upon submission of the application form. Applications received without the fee will not be processed. The fee, less a service charge, is refundable only within 30 days from receipt of payment. Candidates who are not eligible will be refunded the full fee less a service charge. Payment by Visa or Mastercard is accepted by CWB; download CWB Form 1049 from [www.cwbgroup.org](http://www.cwbgroup.org) to use this option.

_____	<b>DATE</b>	_____
<b>Applicant's Signature</b>		MM / DD / YYYY

Upon completion of the certification requirements, do you wish to have your name, certification level, city of residence and telephone number published on the CWB Group's website?  YES  NO

<b>FOR CWB USE ONLY</b>			<b>Reg. No.</b>
Level: _____	<input type="checkbox"/> Long Exam	<input type="checkbox"/> Short Exam	Approved By: _____ Date: _____

- 6. (a) Are you applying for certification through the CWB Learning Centre's Special Program for Welding Inspectors?  YES  NO
- (b) If the answer to (a) above is Yes, have you enclosed with this application a copy of your CWB Learning Centre (formerly GCIL) transcript?  YES  NO
- 7. (a) Are you applying for certification based on a prior or existing certification to AWS QC-1, TWI CSWIP-WI-6-92 or API 510 or API 570?  YES  NO
- (b) If the answer to (a) above is Yes, refer to CWB Form 301 - Guide to Assist Candidates Applying for Certification as Welding Inspectors for the specific requirements regarding these programs.
- 8. Are you applying for certification under the provisions of Clause 9.1.1 of CSA Standard W178.2, which allows practicing welding inspectors, in exceptional cases, to qualify directly as Level 2 or Level 3? If the answer is Yes, refer to CWB Form 301 - Guide to Assist Candidates Applying for Certification as Welding Inspectors for the specific requirements regarding this program.  YES  NO
- 9. Evidence of satisfactory vision as per the requirements of CSA W178.2 is enclosed with this Application on CWB Form 455E, Welding Inspector Visual Acuity Record.  YES  NO

10. Section 10 to be completed by Level 1 certified welding inspectors applying for Level 2 certification. Provide the names of certified Level 2 or 3 welding inspectors or other qualified individuals who supervised you or who can attest to your work as a welding inspector in the last 2 year period (Reference CSA Standard W178.2, Clause 5.2.2. See also the definition of qualified supervision in Clause 3 of CSA W178.2).

	<u>Name of Certified Welding Inspector or Other Qualified Individual</u>	<u>Level</u>	<u>Reg. #</u>	<u>Telephone #</u>	<u>E-Mail Address</u>
(a)					
(b)					

11. Indicate the Product Category to which your certification will apply. The applicable Standard or Code for each Product Category is also shown. The open book examination, if required, 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 \$65 plus applicable taxes is charged for each additional Product Category. Examination requirements are specified in CSA Standard W178.2.

*Candidates must bring their own copy of the Code/Standard on which they will write their open book examination.*

**Product Category**

**Standard/Code**

- 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 - Rule Requirements for Materials & Welding – Nondestructive Inspection of Hull
- Mobile Drilling Units and Steel Fixed Offshore Structures CSA S473 - Steel Structures  
(As this examination involves the visual examination of specialized specimens, it is currently only available at the CWB office in Dartmouth, NS.)
- Industrial Pipe ASME B31.3 - Process Piping
- Pipelines CSA Z662 - Oil and Gas Pipeline Systems
- Pressure Vessels Boilers and Heat Exchangers The ASME Boiler and Pressure Vessel Code, Sections VIII-1 & IX
- Storage Tanks API 650

**12. Code of Ethics**

Certified welding inspectors recognize that precepts of personal integrity and professional competence are fundamental, and as such shall:

- a. have proper regard for the safety, health, and well-being of the public;
- b. undertake only those assignments for which they are competent by virtue of certification, training, and experience and, where warranted, advise the engagement of such specialists as are required to facilitate the completion of assignments;
- c. protect to the fullest extent possible, consistent with the well-being of the public, any information given in confidence by an employer or colleague;
- d. indicate to the employer or supervisor any adverse consequence that may result from an overruling of their rejection of work by a non-technical authority;
- e. be objective, thorough, and factual in any written report, statement, or testimony about the work and include all relevant or pertinent information in such documents;
- f. sign only for work that they have inspected or for work about which they have personal knowledge through direct technical control;
- g. make claims regarding certification only to the scope for which certification has been granted;
- h. not to use the certification in such a manner as to bring the CWB into disrepute, and not to make any statement regarding the certification which the CWB may consider misleading or unauthorized;
- i. discontinue the use of all claims to certification that contains any reference to the CWB or certification upon suspension or withdrawal of certification, and to return any certificates issued by the CWB; and
- j. not to use the certificate in a misleading manner.

---

**Applicant's Signature**

---

**Date (mm / dd / yyyy)**

**Level 1 Candidates Only**

**13. This section is for Level 1 candidates who have NOT completed a course in the the fundamental principles and practices of welding, quality control, and welding inspection. Candidates must document at least 1 year of welding or inspection related work experience (add pages as required).**

**Qualifying Work Experience**

**From:** \_\_\_\_\_ **To:** \_\_\_\_\_  
MM / YYYY MM / YYYY

A) Company Name \_\_\_\_\_ Job Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ Phone \_\_\_\_\_

B) Reference Name \_\_\_\_\_ Job Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ Phone \_\_\_\_\_

C) Describe your duties as related to welding fabrication or welding inspection and/or testing in the following areas of the trade or attach detailed resume. Attach additional pages as required.

- 1) Layout, Fitting \_\_\_\_\_
- 2) Manual or Semi-Automatic Welding \_\_\_\_\_
- 3) Welding Inspection \_\_\_\_\_
- 4) Welding Supervision \_\_\_\_\_
- 5) Weld Testing \_\_\_\_\_
- 6) Weld Design or Detailing \_\_\_\_\_
- 7) Welding Instruction \_\_\_\_\_
- 8) Fabrication Planning \_\_\_\_\_
- 9) Other \_\_\_\_\_

D) Give the approximate percentage of your time spent on the following welded product categories during your employment with the above named company and state the codes/standards/specifications to which you worked.

	%	Codes/Standards/Specifications
1) Buildings, Industrial Structures, Bridges		
2) Ships and Floating Marine Structures		
3) Pipelines and/or Industrial Pipe		
4) Pressure Vessels, Boilers and Heat Exchangers		
5) Rail Vehicles, Road Vehicles		
6) Storage Tanks		
7) Machinery, Cranes		
8) Other - (Indicate)		

Total Percentage of Time

(Should not exceed 100%)



Upon completion, return this form to the **CANADIAN WELDING BUREAU** Regional Office in your area.

**ONTARIO**

Canadian Welding Bureau  
8260 Parkhill Drive  
Milton, Ontario L9T 5V7  
Tel: (905) 542-1312  
Toll Free: 1-800-844-6790 (In Canada only)  
Fax: (905) 542-1318  
E-Mail: [info@cwbgroup.org](mailto:info@cwbgroup.org)

**WESTERN CANADA**

Canadian Welding Bureau  
Suite 206, 2528 Ellwood Drive S.W.  
Edmonton, Alberta T6X 0A9  
Toll Free: 1-800-844-6790 (In Canada only)  
Fax: 905-542-1318  
E-Mail: [info@cwbgroup.org](mailto:info@cwbgroup.org)

**QUEBEC**

Bureau canadien de soudage  
4321 Autoroute des Laurentides  
Laval, Quebec H7L 5W5  
Toll Free: 1-800-844-6790 (In Canada only)  
Fax: (905) 542-1318  
E-Mail: [info@cwbgroup.org](mailto:info@cwbgroup.org)

**ATLANTIC**

Canadian Welding Bureau  
Suite 304, 73 Tacoma Drive  
Dartmouth, Nova Scotia B2W 3Y6  
Toll Free: 1-800-844-6790 (In Canada only)  
Fax: (905) 542-1318  
E-Mail: [info@cwbgroup.org](mailto:info@cwbgroup.org)