



Welding Inspector Level 1 Online Course

Course Overview:

This self-study course is ideal for Welding Inspectors who want to increase their knowledge of metallurgy, inspection and testing techniques. The course is designed for individuals seeking certification to CSA W178.2, Certification of welding inspectors, Level 1. The main purpose is to prepare candidates to write the CWB examinations given in CSA W178.2 as an alternative to one year of experience in welding or welding inspection.

In addition to passing the examinations, W178.2 also requires the following to become certified as a Welding Inspector:

- Previous experience in welding or inspection,
- Passing a test to visually detect and identify weld faults,
- Passing an open-book examination on the inspection standards for the product categories that the candidate will be inspecting,
- Passing an open-book examination on CSW W178.2 and
- Passing a closed-book examination on welding inspection.

Course Structure:

The course covers all of the following topics:

- Welding Health and Safety
- Basic Joints, Blueprint reading
- Symbols for Welding
- Welding Processes and Equipment
- Electrodes and Consumables
- Basic Metallurgy and Material Specifications
- Weld Faults and Causes
- Basic Inspection Technology
- Codes and Standards
- Functions of the Inspector
- Techniques of Visual Inspection

Student Requirements:

- Must be at least 18 years of age
- Most current edition of product standards and CSA W178.2-08 for the open book examinations

Prerequisites:

- There are no prerequisites for this course, however welding experience is an asset. Please contact us (1.800.844.6790) to book your Module Exams. CWB Online courses do not contain Module Exams. These exams must be taken at one of our locations or through our [examination network](#).



Registration Information

Welding Inspector Level 1 Online Course

Complete the registration form and fax to 905-542-1318 or e-mail to info@cwbgroup.org. Cheques are made payable to the CWB. Contact us early as space is limited.

Company Name _____

Co. Code: _____

Name: _____

Address: _____

City: _____

Postal Code: _____

Phone: _____ Fax: _____

E-mail: _____

Online Self-Study Online Course \$2000.00 (plus taxes)

(This course will be available for 90 days from the date of registration)

(Level 1 Modules - \$550.00 + shipping and applicable taxes)

(I have validated CWB Institute operation requirements. [Click here if you didn't.](#))

Method of Payment: PO#: (CWB clients only) _____ Cheque # _____

VISA MasterCard # _____ Exp. Date: _____

Name on Card: _____

Signature: _____

Cancellation Policy:

Full refunds will be made to registered participants if the CWB cancels the program.