



MAGNETIC PARTICLE Level 2



**Get Recognized.
Take charge!**

**Greater career
opportunities!**

**This course is
your first step to
improving your
inspection skills.**

This five-day course (40 hours) will provide the NDT knowledge and the confidence for participants to assume the responsibilities of a Level 2 Magnetic Particle Technician. This comprehensive course includes the theory and practical applications of the Magnetic Particle method, a review and use of test equipment, along with the use of standards, specifications and procedures.

The theoretical subject matter, supplemented by evening assignments, daily quizzes, and practical hands-on instruction worksheets will allow both the participant and instructor to monitor progress and prepare for the final closed book examination held on the final afternoon of the course.

INTEG advantage: "pract-Ability+Plus" Understanding the testing variables for technique & procedure development.

As part of our practical classroom training, students will practice with representative test specimens, of actual product(s), to demonstrate familiarity in the operation of testing equipment, performance of calibration requirements, recognition of specific process controls, interpretation of test results, and evaluation to standard reference specifications.

INTEG training courses meet the requirements of CAN/CGSB-48.9712-2006, IAEA Techdoc 628, SNT-TC-1A & NRCan NDT Certifying Agency Curricula.

What's Involved and What do I Receive?

- World-class teaching and knowledge from our instructors who are recognized experts in their respective disciplines with extensive industrial hands-on experience as well as academic capabilities.
- An opportunity to network with industry professionals.
- Upon successful completion of the course the participant will receive a Certificate and an Examination Transcript (a minimum passing grade of 70% for each of the examination parts, general & specific, along with full attendance is required).
- Successful completion of the course meets the training requirements for certification by NRCan*.
- A detailed workbook will be provided to each participant.
- Current QCC members receive a 10% discount on course fees.

The following topics are covered:

- Introduction to Nondestructive Testing
- Basic Principles of Magnetic Particle Inspection
- Applications of Magnetic Fields
- Magnetic Particle Inspection Procedures
- Magnetic Particle Equipment
- Magnetic Particle Inspection & Quality Control
- Specifications and Standards
- Magnetic Particle Vocabulary

Course Entry Pre-Requisites

- High school diploma or equivalent or
- Successfully completed Materials and Processes course or exam or
- For Ontario candidates only, successfully completed the INTEG course entry math fundamentals exam and
- Must be at least 18 years of age

Safety footwear is required for practical sessions. All other personal protective equipment is provided by INTEG.

* Qualification for certification to CAN/CGSB-48.9712 requires a minimum of 4 months related on-the-job industrial experience.

* For certification, applicants also must provide Natural Resources Canada (NRCan), the certifying agency, with evidence of successful completion a recognized (40) forty hour Engineering Materials and Components training course, OR successful completion of an equivalency examination (a one-time exam with a passing grade requirement of 70%). Current candidates with two (2) or more CGSB certifications are exempt from this requirement.



1.800.844.6790 | www.cwbgroup.org | Fax: 905.542.1318



REGISTRATION FORM



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**All sessions start at 8:30 a.m. and end at 5:00 p.m.
Choose your Session**

- Jan 30 – Feb 3, 2012 – Edmonton
- March 26 – 30, 2012 – Calgary
- April 30 – May 4, 2012 – Dartmouth

Eligible QCC members will receive a 10% discount on approved training course fees. Only one discount may be applied. Prices are subject to change.

Locations:

Dartmouth

UAP Local 56 Training Centre
30 Neptune Cres., Dartmouth, NS

Calgary

INTEG Calgary Training Centre
3231 – 58 Avenue SE, Calgary, AB T2C 0B4

Edmonton

INTEG Edmonton Training Centre
2507 – 84th Avenue, Edmonton, AB T6P 1K1

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Course Cost

- Course Cost - \$1100.00 + Taxes (Alberta-GST/Dartmouth-HST)
- Course Cost for CWA Premium Members - \$1050.00 + Taxes Membership #: _____
- Course Cost for Certified W178.2 Inspectors - \$1050.00 + Taxes Registration #: _____
- CWA Premium Membership - \$75.00 + GST/HST
Benefits: Privilege Card, Jobs portal, Networking, Newsletter + CWA Journal, 10% discount on CWB self-study modules and Marks Work Wearhouse, HUB Insurance, Event discounts.

Cancellation Policy:

The course cost, less a 25% enrollment charge per person, will be refunded if cancellation is made in writing no less than 5 working days before the course. There will be no refund for cancellation after that date. The CWB has the right to cancel the program 10 working days prior to the date of the course. Full refunds will be made to registered participants if the CWB cancels the program. Participants are eligible for one course transfer as long as notice is given no less than 5 working days before the original course date.

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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: _____

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

VISA MasterCard # _____ Exp. Date: _____

Name on Card: _____ Signature: _____

- All registrants will receive a complimentary Basic CWA Membership. Check this box if you do not wish to receive this membership.