



INDUSTRIAL RADIOGRAPHY RADIATION SAFETY AND PROTECTION-CEDO



**Get
Recognized.**

Take charge!

**Greater career
opportunities!**

**This course is
your first step
to becoming an
Industrial
Radiographer.**

This five-day course (40 hours) is the first step in meeting the training course requirement for a Certified Exposure Device Operator (CEDO). This course will provide knowledge and confidence for participants to assume the responsibilities of a Certified Exposure Device Operator. Comprehensive study will include at minimum the theory, detection, protection, application of safe working practices, and review of safe operating equipment, along with the application of emergency operating procedures.

The theoretical subject matter, supplemented by evening assignments, daily quizzes, and practical hands-on instruction 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 Exposure Devices.

As part of practical classroom training, students practice with representative exposure equipment and devices to demonstrate familiarity with operation, comprehend equipment performance requirements and recognize safe handling practices.

INTEG courses meet the requirements of CNSC G 229-2004 and CNSC training curricula.

What's Involved and What do I Get?

- 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, CNSC requires a minimum of 40 hrs vocational training.

The following topics are covered:

- Basic Atomic Physics
- Industrial Gamma Ray Equipment
- Radiation Units for Measurement
- Personal Maximum Permissible Doses
- Radiation Detection and Monitoring
- Basic Principles of Radiation Protection
- Leak Test, Storage, and Radioisotope Source Changes
- Biological Effects of Ionizing Radiation
- Nuclear Safety
- Transportation of Radioactive Material
- Radiation Emergency Procedures

Obtaining CEDO (Certified Exposure Device Operator) certification is the first step in becoming an Industrial Radiographer. There are five steps to becoming a Certified Exposure Device Operator (CEDO):

1. Successful completion of a recognized and acceptable training course (minimum 40 hours). The CWB Group [Industrial Radiography Radiation Safety & Protection Training courses](#) satisfy this requirement.
2. Successful completion of the [Certified Exposure Device Operator \(CEDO\) examination](#) administered by Natural Resources Canada (NRCan).
3. Completion of 320 hours on-the-job experience.
4. A practical examination administered by the employer, in accordance with Canadian Nuclear Safety Commission (CNSC) requirements.
5. Payment of application fees to CNSC.

Note that when hiring new personnel, a majority of employers require completion of Step 1 above. For further details on obtaining CEDO certification please visit

<http://www.nuclearsafety.gc.ca/eng/licensesapplicants/certexposure/index.cfm>.

Course Entry Pre-Requisites

- Must be at least 18 years of age

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



1.800.844.6790 | www.cwbgroup.org | Fax: 905.542.1318



INDUSTRIAL RADIOGRAPHY RADIATION SAFETY AND PROTECTION-CEDO REGISTRATION FORM



1 All sessions start at 8:30 a.m. and end at 5:00 p.m.

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

Choose your Session

- January 23 – 27, 2012 – Grande Prairie
- April 16 – 20, 2012 – Edmonton
- May 7 – 11, 2012 – Calgary
- July 16 – 20, 2012 – Dartmouth
- October 22 – 26, 2012 – Calgary

Locations:
Grande Prairie
 Quality Hotel & Conference Centre, 11201 – 100 Ave., Grande Prairie
Edmonton
 INTEG Edmonton Training Centre, 2507 – 84th Ave., Edmonton, AB
Calgary
 INTEG Calgary Training Centre, 3231 – 58 Avenue SE, Calgary, AB
Dartmouth
 UAP Local 56 Training Centre, 30 Neptune Cres., Dartmouth, NS

2 Course Cost

- Course Cost - \$1150.00 + Taxes (Alberta-GST/Dartmouth-HST)
- Course Cost for CWA Premium Members - \$1075.00 + Taxes Membership #: _____
- Course Cost for Certified W178.2 Inspectors - \$1075.00 + 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 Warehouse, 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.

3 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.