

## RADIATION SAFETY INSTITUTE OF CANADA

Founded in 1980, the Radiation Safety Institute of Canada is an independent, national organization dedicated to promoting and advancing radiation safety in the workplace, in the environment and in the community. Our commitment to the principle of “good science in plain language®” underpins everything we do.

The Radiation Safety Institute of Canada is incorporated under the laws of Canada as a not-for-profit corporation and is also a registered charity.

### INSTRUCTORS

#### Laura Boksmán



(B.Sc., Physics – Medical/Health Option, McMaster University; M. Sc. Medical Biophysics, University of Western Ontario). Laura has over 15 years of Canadian nuclear industry experience. Operational Health Physics, Laboratory Management, Sampling and Analysis, Emergency Management, Training, Dosimetry, Nuclear Waste Management and Decommissioning are just a few of the subjects in which she is very well versed.

#### Tara Hargreaves



(B.Sc., Physics and Mathematics, Guelph University; M.Sc., Astronomy, McMaster University). Tara has conducted EMF (electromagnetic field) surveys for clients ranging from small businesses to nuclear power plants. Ms. Hargreaves is a member of the Canadian Radiation Protection Association and the Health Physics Society, and has completed training in Quality Control Testing at the Michener Institute.

#### Dr. Curtis Caldwell



(B.Sc., Physics, Acadia University; M.Sc. (A), Medical Physics, McGill University; Ph.D., Medical Biophysics, University of Toronto). Dr. Caldwell has over 25 years of experience as a Medical Physicist and Radiation Safety Consultant. He has provided radiation safety services to numerous Nuclear Medicine and X-ray facilities across Canada, as well as to industrial users of large x-ray and/or radioactive sources.

Good Science in Plain Language®



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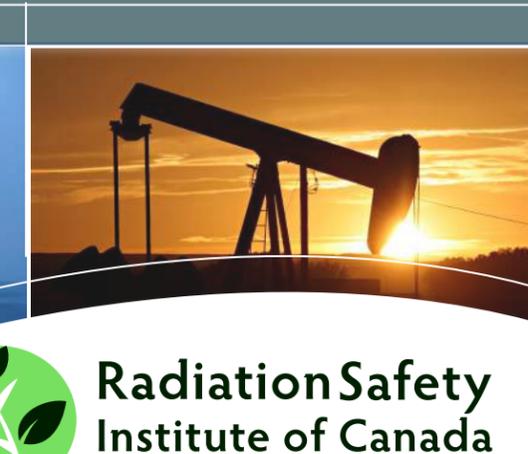
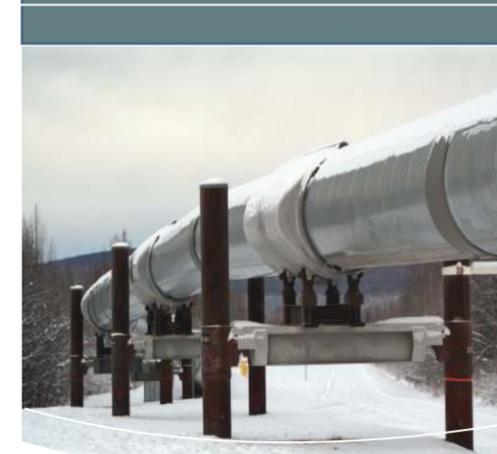
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# NORM Naturally Occurring Radioactive Material Training Course

Improperly handled radioactive sources can lead to increased risk of radiation exposure, which in turn may lead to negative effects on your staff's health (cataracts, increased risk of cancer, etc) and legal implications for your company.

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**Radiation Safety  
Institute of Canada**  
Institut de radioprotection du Canada

RADIATION SAFETY INSTITUTE OF CANADA PROVIDES HIGH QUALITY SERVICES  
FOLLOWING OUR PRINCIPLE OF "GOOD SCIENCE IN PLAIN LANGUAGE" TO SUPPORT  
YOUR EFFORTS IN SAFEGUARDING THE HEALTH AND WELL-BEING OF YOUR MOST  
PRECIOUS RESOURCE – PEOPLE.



## NORM Awareness Training

Comply With the Mandatory Regulators' Requirements:  
Ensure that your workers understand NORM hazards!

### **COURSE DETAILS** | 8 hour Course

This 1-day awareness course is designed to ensure that workers have a good understanding of Naturally Occurring Radioactive Materials (NORM) including its origins, a basic understanding of radiation and its associated potential health hazards, and how to detect NORM and control radiation exposures. This provides workplaces with confidence to manage their personal safety in environments where NORM is potentially an issue.

### **TARGET AUDIENCE**

Personnel who work in areas where NORM may be encountered will benefit from taking this course. Particularly useful for health and safety personnel responsible for hazard awareness, but who do not have a background in NORM or radioactivity.

### **LEARNER OUTCOMES**

- Knowledge of NORM origins
- A basic understanding of radioactivity and the associated health hazards
- Familiarity with measures to control radiation exposure and limit risk
- An introduction to the use of radiation detection instrumentation
- An understanding of Health Canada's Guidelines for the Management of NORM

### **EXPERIENCE THE RADIATION SAFETY INSTITUTE DIFFERENCE**

- Hands-on instrumentation sessions with real radiation detection equipment
- Engaging and interactive adult learning methods
- Experienced CRPA Registered Radiation Safety Instructors

### **COURSE PREREQUISITE**

There is no prerequisite to this course

## NORM Surveys

Oil and gas operations may bring to the surface naturally occurring radioactive materials such as uranium and thorium, radium 226 and radium 228. A quality NORM survey will detect radiation, its location and source. Armed with this information you can make better safety decisions for your workplace in order to decide on the necessary protection levels and control measures.

For over 35 years the Institute has provided radiation safety services for workplaces and communities across Canada. Our experienced scientific staff can carry out a tailor-made NORM survey and help you address your NORM hazards.

## Ready To Do Your Own NORM Surveys?

A quality NORM Program, combined with worker awareness training, allows you to carry out your own NORM surveys.

Talk to us today and let our compliance specialists develop a customized NORM Program to start reducing costs.

### **CONTACT US TODAY**



Call us at 1-800-263-5803  
or (416) 650-9090 ext. 21



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300 - 165 Avenue Road  
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THE COURSE IS AVAILABLE UPON REQUEST AND CONDUCTED AT YOUR SITE  
OR  
AT THE INSTITUTE'S TRAINING CENTRES IN TORONTO AND SASKATOON