



**Environment, Health, & Safety
Training Program**

EHS0583– Radiological Worker II Limited

Course Syllabus

Subject Category:	Radiation Protection	Course Prerequisite:	EHS0471
Course Length:	2 1/2 Hours	Medical Approval:	NO
Delivery Mode:	Class or one-on-one		
Schedule:	As Needed		

Course Purpose: To provide limited scope RWII training for subcontractors who perform work in areas where there is dispersible radioactive material (> 10CFR835 Appendix D levels) including, but not limited to, work in a posted Contamination Area (CA), High Contamination Area (HCA), Airborne Radioactivity Area (ARA) or High Radiation Area (HRA). This limited scope RW II training is in recognition of the fact that these workers are not performing monitoring, and are working in areas that are supported and monitored by a Radiological Control Technician (RCT)

Course Objectives:

After completing this training, you will be able to:

- Determine the differences between fixed, removable, and airborne contamination.
- Identify Contamination Area, High Contamination Area, Airborne Radioactivity Area, and High Radiation Area.
- Describe the requirements for entering, working in, and exiting a CA, HCA, ARA, or HRA.
- Describe potential sources of radioactive contamination.
- Describe methods of minimizing radiation exposure
- Describe the various controls used to minimize and control radioactive contamination.
- Describe the proper actions to take in a radiological incident and/or emergency.
- Demonstrate an ability to properly don and doff protective clothing.

Course Instructional Materials:

- Protective Clothing (Lab Coat, Tyvek Coveralls, Gloves, Booties)
- Power Point Presentation

Instructors:

Radiological Protection Group RCTs and qualified instructors.

Training Compliance Requirements: This course is designed to meet, in part, the requirements of 10CFR835 section 901. Other training, such as On-The-Job Training (OJT) may also be required depending on the work assignment.

Participant Evaluation: Written evaluations regarding the effectiveness of the trainer, the training, and the visual aids.

Written Exam: A written exam must be completed with a minimum score of 80%

Practical Exam: Each student must demonstrate the proper donning and doffing of protective clothing

Retraining/Recertification: Every 2 Years / Retraining is normally accomplished by retaking the course.

WEB Resource: EH&S Training Program website: www.lbl.gov/ehs/training/index.shtml