



NRC/DOT Radioactive Waste Packaging, Transportation and Disposal Training

Course Description

This course is designed to provide initial introduction and review of the U.S. Department of Transportation's (DOT) and Nuclear Regulatory Commission's (NRC) regulations governing the safe transportation and disposal of radioactive materials. The training also includes detailed information relating to the definitions, calculations and requirements for the shipment of radioactive materials in accordance with DOT's 49 CFR, and acceptance criteria for radioactive commercial disposal sites. Practical exercises are utilized that allow participants to apply the concepts of the training as it is being discussed. AAHP has awarded thirty-two (32) CEUs for this class. Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that the training meets the requirements of 49 CFR 172, Subpart H and NRC IE Notice 79-19.

Who Should Attend?

This course is especially effective as either an introduction for a new or inexperienced shipper, or as a thorough review for experienced shippers who desire refresher training to satisfy their Nuclear Regulatory Commission IE Bulletin 79-19 guidance for periodic retraining and their DOT HAZMAT Employee training.

Suggested attendees include Radioactive Waste Technicians and Supervisors; Health Physics, Industrial Hygiene; Radioactive Waste QA/QC personnel, or Engineering personnel who are responsible to certify radioactive waste shipments.

Course Duration: 32 hours

Retrain Frequency: 3 years

Course Topics:

- Identification
- Classification
- Proper Shipping Name Selection
- Packaging
- Marking, Labeling, Shipping Papers
- Separation and Segregation
- Placarding
- Security Awareness
- 10 CFR 71.97 – Advanced Notification
- 10 CFR 61.55 – Waste Classification
- 10 CFR 61.56 – Waste Characteristics
- Waste Classification Exercises and Review
- NRC Waste Manifesting
- NRC Branch Technical Positions on Waste
- Disposal Facilities Review
- Examination

Prerequisites: Math skills proficiency

Available Format:

- Classroom
- Online