

# DOT/NRC RADIOACTIVE WASTE PACKAGING, TRANSPORTATION, AND DISPOSAL

Course Duration: 32 hours | Retrain Frequency: 3 years



## 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 49CFR, 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 forty (40) 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 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 FORMATS

Classroom

Online

# IATA AIR TRANSPORT OF RADIOACTIVE MATERIALS

Course Duration: 8 hours | Retrain Frequency: 2 years



## PREREQUISITES

DOT/NRC radioactive waste packaging, transportation and disposal training equivalencies must be approved by EnergySolutions.

## AVAILABLE FORMATS

Classroom

Online

## COURSE DESCRIPTION

This course is directed solely towards the transportation requirements for the shipping of radioactive materials by the International Air Transport Association (IATA) Dangerous Goods Regulations (DGR). The presentation assumes knowledge of domestic regulations for radioactive materials and concentrates on the differences. AAHP has awarded eight (8) 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 IATA, Section 1.5.

## WHO SHOULD ATTEND?

Employees required to certify that shipments of radioactive materials are in compliance with DOT's 49CFR and the IATA Dangerous Goods Regulations for domestic air and international transport.

## ADDITIONAL TRAINING MATERIALS

You will need a current copy of the IATA Dangerous Goods Regulations to complete the online course. We have these available for purchase.

## COURSE TOPICS

- Classification
- Proper Shipping Names
- Packaging
- Radiation Contamination Limits
- Marking & Labeling
- Documentation
- Variations
- Limitations
- Shipping Exercises
- Examination