

# John Gerrish & Associates, LLC



COURSE NAME: Radioactive Materials in Transportation

CUSTOMIZED TRAINING: Number of days for training varies depending on the technical nature of the client's product.

## CATALOG DESCRIPTION

This training meets the requirements of 49 CFR §172.700, §172.800 and IATA Subsection 1.5

Provides the training required and outlined under U.S. Department of Transportation Title 49 Code of Federal Regulations (DOT 49CFR), Part 172, Subpart H, Dangerous Goods Code (DGC), Section 1.3 and the International Air Transport Association (IATA) Dangerous Goods Regulations (DGR), Section 1.5.

This course covers the skills needed to prepare, offer and accept ground, and air shipments of radioactive materials. It is a systematic program that ensures an employee/student has familiarity with the general provisions of radioactive materials in transportation, is able to recognize and identify radioactive materials, has knowledge of specific requirements of the regulations applicable to functions performed by the employee/student. Instruction will focus on non-bulk packages offered into transportation.

NOTE: Students must have prior hazmat certification no more than 24 months prior to taking this training class.

## LEARNING OBJECTIVES

At the conclusion of this course, the student will be able to:

- a. Define the role of the DOT Hazardous Materials Regulations in the transportation of radioactive materials
- b. Apply interfaces from the HMR as they permit use of alternative regulations for the transportation of radioactive materials
- c. Employ units of measurement for activity and dose rate
- d. Determine if a given package of radioactive material will meet the definition of a hazardous substance
- e. Assign the most accurate proper shipping name to a given material
- f. Prepare a given shipment of radioactive materials in the proper packaging
- g. Apply appropriate controls designed to limit exposure to radiation
- h. Mark and label a given package of radioactive materials
- i. Document a given shipment of radioactive materials
- j. Determine placarding requirements for a shipment of radioactive materials

Through all of this, emphasis will be placed on each student's responsibility when offering radioactive materials into transportation.