



SNC • LAVALIN



Training



SNC • LAVALIN

All rights reserved. No part of this training may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, except for the inclusion of brief quotations in a review, without the prior written permission of the owner and publisher (Atkins), except where permitted by law. For information, contact Atkins, 2345 Stevens Drive, Suite 240, Richland, Washington, 99354. Printed in the United States of America.

The views and opinions of authors expressed herein do not necessarily state or reflect those of the U.S. Government or any agency thereof.

Prices are subject to change.

Table of Contents



SNC • LAVALIN

Introduction	5
Training Formats	6
Hazmat/Dangerous Goods Transportation Training	7
Hazardous Material General Awareness Transportation Training	8
Module 1 – Basic Hazardous Material Transportation Training	9
Module 2 – Basic Hazardous Waste Transportation Training	10
Module 3 – Basic Radioactive Material Transportation Training	11
Basic IATA: Transportation of Dangerous Goods by Air Training	12
Transportation of Radioactive Materials for Drivers and Carriers	13
General Packaging Requirements for the Transport of Hazardous Materials	14
Radioactive Material Packaging Training	15
Radiological Control Technician (RCT) Radioactive Material Transportation Training	16
Advanced Hazardous Material Shipper Certification Training	17
Advanced Hazardous Waste Shipper Certification Training	18
Advanced Radioactive Material Shipper Certification Training	19
DOT/NRC Radioactive Waste Packaging, Transportation and Disposal Training	20
Advanced Mixed Waste Shipper Certification Training	21
IATA: Transportation of Dangerous Goods by Air Shipper Certification Training	22
Air Transport of Radioactive Materials Training	23
Explosives Training for Shippers	24
Explosives Training for Drivers	25
Motor Carrier Training	26
Hazardous Materials Driver's Training	27
Federal Motor Carrier Safety Regulations for Drivers	28
Federal Motor Carrier Safety Regulations for Managers and Supervisors	29
Load Securement for Drivers and Traffic Personnel	30
Load Securing for Radioactive Materials Training	31
Highway Route Controlled Quantity (HRCQ) Training for Drivers	32
Reasonable Suspicion Training for Supervisors	33
Environmental / RCRA Training	34
RCRA Requirements for Satellite Accumulation Areas	35
Waste Designation (Washington State)	36
RCRA Hazardous Waste Identification	37
RCRA Container Waste Management	38
Suspect, Counterfeit and Fraud Detection Workshop	39



SNC • LAVALIN



Introduction

Atkins Training offers a full range of training courses in both classroom and online formats to meet your need for consistent high-quality training. We specialize in hazardous material (hazmat) transportation, motor carrier safety regulations, and environmental training courses. All Atkins courses are designed to ensure uniform knowledge and application of relevant state, federal, and international regulations governing these subjects. All our courses are available to public, private, and government sectors.

Our hazmat transportation courses fully meet U.S. Department of Transportation (DOT) requirements for identification, classification, packaging, communications, and transport of hazardous materials, hazardous wastes, and radioactive materials. For those who need Nuclear Regulatory Commission (NRC) training, courses are offered to include those commercial requirements. For those who ship dangerous goods by air we offer modal specific training. Our courses are tailored to basic, intermediate, and advanced levels. All of our courses and associated classroom materials are designed to focus on specific areas. This allows participants to effectively utilize class time and minimize cost. Our hazmat courses provide attendees with the most current regulatory information in the transportation industry.

The motor carrier courses provide participants with the Federal Motor Carrier Safety Regulations (FMCSR) requirements applicable to drivers and persons who are responsible for drivers; and those who are responsible for motor carrier operations, load securement, and vehicle inspections.

Our environmental training courses address hazardous waste management, characterization, and land disposal requirements. These training courses are based on the Environmental Protection Agency (EPA) regulations in the 40 CFR but can be customized to fit specific state and/or company procedure requirements.

The Suspect Counterfeit and Fraud Detection Workshop is geared for maintenance and crafts personnel, purchasing and procurement agents, engineers, inspectors, quality assurance personnel, warehouse personnel, job planners, vendors, suppliers, and management. The training meets the needs for the Commercial Nuclear Industry, Department of Energy, Oil & Gas industry and the private sector.

We provide services ranging from staff augmentation positions to turnkey training program management. We take pride in our ability to match our most qualified individuals with the specific requirements of our clients. Should your organization require technical support beyond the training described, we will assist you in determining your most cost-effective options. Please visit our web site at:
www.atkinsglobal.com/energytraining



Training Formats

In addition to classroom training, Atkins offers many courses online. The online training can be either computer based training (CBT) or presented in a webinar format. Each method is unique in delivery and benefit to the learner. Here is a summary of the three options:

Classroom Training

With classroom training there is an instructor in the classroom delivering the material which allows for immediate face to face interaction as well as opportunity for dialogue between students. This format is effective for all training classes and the best option for advanced courses that are more than one day in length.

Computer Based Training

Utilizing computer based training allows the student to receive the training at their workstation, to fit their schedule and to learn at their own pace. This method is often utilized by students who have at least some

familiarity with the material making it a good choice for recertification while also being structured to train a first time student. This format is very effective for fast turnaround situations when time frames do not allow you to wait for scheduled classes. (You need the training now).

Webinar Training

Webinar training combines elements of the other two formats. The training is conducted by an instructor via the internet that can be delivered directly to a workstation or in some circumstances, to a group setting. This format is more interactive than CBT and allows the learner to have greater access to the instructor.

Please visit our web site at:

www.atkinglobal.com/energytraining

for course descriptions, pricing, and registration forms.



Hazmat/Dangerous Goods Transportation Training

Atkins training courses are part of a systematic program designed to meet the requirements identified by the Department of Transportation (DOT 49 CFR 172 Subpart H). The training program ensures that hazardous material employees (hazmat employees, as defined in 49 CFR 171.8), receive general awareness, function specific, safety, and security training in a cost-effective manner.

Hazmat/Dangerous Goods training targets five general areas in transportation.

- > Hazardous Material
- > Hazardous Waste
- > Radioactive Material
- > Mixed Waste
- > Shipments by Air

Training appropriate to an employee is based on the extent of the employee's responsibility and the type of materials offered for transportation. Recommendations for who should attend each class are outlined in the course descriptions.

There are Three Levels of Functional Responsibility for a Graded Approach

Those That "Do"

This level of training is for Hazmat employees who perform functions subject to the DOT regulations, but who do not make regulatory decisions. This includes personnel who package, mark, label, load, and transport hazardous materials as directed.

Those That "Decide"

This level of training is for Hazmat employees who are responsible to make regulatory decisions, such as choosing a proper shipping name, selecting a packaging, and directing others, but who do not certify shipments.

Those That "Certify"

This level of training is for Hazmat employees who are responsible for the shipment of hazardous materials and who sign the applicable shipping papers.





SNC • LAVALIN

Classroom Course Duration:
8 hours

Retrain Frequency: 3 years

Course Topics:

- > DOT Training Requirements
- > Security Awareness
- > Familiarity with Hazard Classes and Divisions
- > Use of Hazmat Table
- > Packaging, Marking, Labeling, Shipping Papers
- > Separation and Segregation and Load Securing
- > Placarding
- > Emergency Response
- > Examination

Prerequisites: None

Available Format:

Classroom – \$625

Webinar – \$500

Online – \$450

Hazardous Material General Awareness Transportation Training

Course Description

This course is designed to provide participants with general information for the transportation of hazardous materials. The emphasis is on verification of hazmat shipments, including waste and radioactive material shipments. Course participants have the opportunity to use 49 CFR to gain familiarity with the Department of Transportation (DOT) regulatory requirements. Classroom exercises provide practice for the participant according to functions the employee performs. 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.

Who Should Attend?

Hazmat employees, as defined by DOT, who are involved with preparation and transportation of hazardous materials (including waste and radioactive materials) but do not make decisions.



Module 1 – Basic Hazardous Material Transportation Training



SNC • LAVALIN

Course Description

This course is designed to provide participants with basic information for the transportation of hazardous materials. Participants will learn to use the Department of Transportation (DOT) regulations to make decisions involving identification, classification, and selection of proper shipping names for hazardous material (not including waste or radioactive materials) and apply the communication and shipping paper requirements. This training is a prerequisite for Module 2 – Basic Hazardous Waste Transportation Training and Module 3 – Basic Radioactive Material Transportation Training. 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.

Who Should Attend?

Hazmat employees, as defined by DOT, who are required to make determinations about hazardous material shipments but do not certify those shipments.

Classroom Course Duration:

18 hours

Retrain Frequency: 3 years

Course Topics:

- > DOT Training Requirements
- > Identification of Hazard Classes and Divisions
- > Use of Hazmat Table
- > Proper Shipping Name and Packaging Selection
- > Marking, Labeling, Shipping Papers
- > Separation and Segregation and Placarding
- > Emergency Response and Security Awareness Information
- > Special and Unique Moves (Overpacks, Salvage Drums, Samples, Materials of Trade)
- > Examination

Prerequisites: None

Available Format:

Classroom – \$950 Mod 1 Only

\$1595 for all 3 Mods Taken

Consecutively





SNC • LAVALIN

Course Duration:

4 hours

Retrain Frequency: 3 years

Course Topics:

- > Basic RCRA Requirements
- > Packaging
- > Marking
- > Shipping Papers
- > Placarding
- > Hazardous Waste Exceptions (Lab Packs)
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training

Available Format:

Classroom – \$495 for Mod 2 Only

\$1595 for all 3 Mods Taken Consecutively

Module 2 – Basic Hazardous Waste Transportation Training

Course Description

This course, when taken in conjunction with Module 1 – Basic Hazardous Material Transportation, provides the participant with additional basic information specific to the transportation of hazardous wastes. Participants will learn to apply the DOT regulations to make hazardous waste shipping decisions. This training fulfills the hazmat employee training requirements in 49 CFR 172, Subpart H. 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.

Who Should Attend?

Hazmat employees, as defined by DOT, who are required to make determinations about hazardous waste shipments but do not certify those shipments.



Module 3 – Basic Radioactive Material Transportation Training



SNC • LAVALIN

Course Description

This course, when taken in conjunction with Module 1 – Basic Hazardous Material Transportation, provides the participant with additional basic information specific to transportation of radioactive materials. Participants will learn to apply the DOT regulations to make radioactive material shipping decisions. This training fulfills the hazmat employee training requirements in 49 CFR 172, Subpart H. AAHP has awarded twelve (12) 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.

Who Should Attend?

Hazmat employees, as defined by DOT, who are required to make determinations about radioactive shipments but do not certify those shipments.

Course Duration: 12 hours

Retrain Frequency: 3 years

Course Topics:

- > Identification of Radioactive Material
- > Proper Shipping Name Selection
- > Packaging Requirements
- > Marking, Labeling, Shipping Papers
- > Transport Configurations
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training

Available Format:

Classroom – \$775 for Mod 3 Only

\$1595 for all 3 Mods Taken Consecutively





SNC • LAVALIN

Course Duration: Self-Paced

Retrain Frequency: 2 years

Course Topics:

- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packing
- > Marking
- > Labeling
- > Documentation
- > Radioactive Material
- > Examination

Prerequisites: None

Available Format:

Online – \$995 (includes current IATA Dangerous Goods Regulations)

\$625 (without regulations)

Basic IATA: Transportation of Dangerous Goods by Air Training

Course Description

This course is designed to provide participants with a basic understanding of the IATA regulations specific to the safe transportation of dangerous goods, including radioactive materials. This training utilizes a systematic approach that provides a logical flow to dangerous good shipments. This ensures that all necessary steps are completed to ship dangerous goods in full compliance with IATA and Department of Transportation regulations.

Successful participants receive a certification stating that the training meets the requirements of IATA, Section 1.5.

Who Should Attend?

Employees who are involved with preparation of Dangerous Goods shipments and are working with a certified shipper.

Additional Training Materials

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

Please call or e-mail us for pricing and availability:

Jennifer Keszler, Richland, WA
(509) 940-2070

Jennifer.Keszler@atkinsglobalns.com



Transportation of Radioactive Materials for Drivers and Carriers

Course Description

This course covers regulations and common practices that provide for the safe transport of radioactive materials by highway. Materials will be provided to facilitate completing the course.

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

Who Should Attend?

This course is designed for any hazardous material employee who drives a motor vehicle or commercial mother vehicle transporting Class 7 radioactive material.



SNC • LAVALIN

Course Duration: Self-Paced

Retrain Frequency: 3 years

Course Topics:

- > Applicability of Offerors
- > Radioactive Materials and Safety History
- > Classification and Shipping Names
- > Package Inspection and Loading
- > Load Securing Principles
- > Radiation and Contamination Limits
- > Labels, Markings, Placards
- > Shipping Papers
- > Security Awareness
- > Examination

Prerequisites:

Math Skills Proficiency

Available Format:

Online – \$475





SNC • LAVALIN

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Security Awareness
- > General Packaging Requirements
- > Performance Oriented Packaging Requirements
- > Radioactive Material Packaging Requirements for Excepted Packages
- > Lab Packs
- > Examination

Prerequisites: None

Available Format:

Classroom – \$625

Online – \$450

General Packaging Requirements for the Transport of Hazardous Materials

Course Description

This course is designed to provide participants with general information for packaging hazardous material and hazardous waste. Participants receive an overview of general packaging requirements for all regulated materials according to 49 CFR. Also identified are specific authorizations, exceptions, and variations that may be applied to packaging. 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.

Who Should Attend?

Personnel who identify, procure, or certify authorized packaging used for the transport of hazardous materials or hazardous wastes.



Radioactive Material Packaging Training



SNC • LAVALIN

Course Description

This course is designed to provide participants with detailed information regarding packaging for radioactive material. Discussion ranges from general requirements for excepted packaging, to testing and documentation for industrial, Type A, and Type B packaging. 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.

Who Should Attend?

Personnel who are responsible to procure or test radioactive material packaging and/or its components.

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Security Awareness
- > Radioactive Packaging Terminology
- > Types of Radioactive Packagings
- > Design and Testing Requirements
- > Use and Documentation Requirements
- > Inspection and Maintenance Requirements
- > Procurement Considerations
- > Examination

Prerequisites: None

Available Format:

Classroom – \$625





SNC • LAVALIN

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Course Overview and Objectives
- > DOT 49 CFR Purpose and Applicability
- > Training Requirements
- > Radioactive Material Transportation
 - Shipping Quantities
 - Types of Packagings
 - Hazard Communications
 - Radiological Surveys
 - Radiation & Contamination Limits
- > Enhancing Transportation Security
- > Examination

Prerequisites:

Basic knowledge of radiation and contamination surveys.

Available Format:

Online – \$450

Radiological Control Technician (RCT) Radioactive Material Transportation Training

Course Description

This course is designed to provide participants with general information of the Department of Transportation (DOT) Hazardous Material Regulations (HMRs) and with function-specific requirements for radiation and contamination controls on any type of radioactive material shipment. Course participants have the opportunity to use 49 CFR to gain familiarity with these regulatory requirements. Classroom exercises provide practice for the participant according to functions the employee performs. 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.

Who Should Attend?

Hazmat employees, as defined by DOT, who are involved with the preparation and radiological surveys for shipping radioactive material.



Advanced Hazardous Material Shipper Certification Training



SNC • LAVALIN

Course Description

This course is designed to provide participants with a detailed understanding of 49 CFR specific to the safe transportation of hazardous materials (not including waste or radioactive). This training utilizes a systematic approach that provides a logical flow to a hazmat shipment. Study Guide scenarios are used throughout the course so participants can practice for the examination. This ensures that all necessary steps are completed to ship a hazardous material in full compliance with Department of Transportation regulations. 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.

Who Should Attend?

Employees required to certify that Hazardous Material Shipments are in compliance with 49 CFR.

Course Duration: 16 hours

Retrain Frequency: 3 years

Course Topics:

- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking, Labeling, Shipping Papers
- > Separation and Segregation
- > Placarding
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training or equivalent.

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom – \$950





SNC • LAVALIN

Course Duration: 24 hours

Retrain Frequency: 3 years

Course Topics:

- > Security Awareness
- > Identification (Includes RCRA Waste Code Assignment)
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking
- > Labeling
- > Shipping Papers
- > Separation and Segregation
- > Placarding
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training or equivalent.

Module 2 – Basic Hazardous Waste Transportation Training or equivalent.

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom– \$1250

Advanced Hazardous Waste Shipper Certification Training

Course Description

This course is designed to provide participants with a detailed understanding of 49 CFR specific to the safe transportation of hazardous wastes (not including radioactive materials). This training utilizes a systematic approach that provides a logical flow to a hazardous waste shipment. Study Guide scenarios are used throughout the course so participants can practice for the examination. This ensures that all necessary steps are completed to ship a hazardous waste in full compliance with Department of Transportation and Environmental Protection Agency regulations. 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.

Who Should Attend?

Employees required to certify that Hazardous Waste Shipments are in compliance with 49 CFR and EPA requirements.



Advanced Radioactive Material Shipper Certification Training

Course Description

This course is designed to provide participants with a detailed understanding of 49 CFR specific to the safe transportation of radioactive materials. This training utilizes a systematic approach that provides a logical flow to a radioactive material shipment. Study Guide scenarios are used throughout the course so participants can practice for the examination. This ensures that all participants will complete the necessary steps to ship a radioactive material in full compliance with Department of Transportation regulations. The training includes detailed information relating to the A₁/A₂ table and the calculations necessary for shipments containing multiple radionuclides. AAHP has awarded twenty-four (24) 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.

Who Should Attend?

Employees required to certify that Radioactive Material Shipments are in compliance with 49 CFR.



SNC • LAVALIN

Course Duration: 24 hours

Retrain Frequency: 3 years

Course Topics:

- > Security Awareness
- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking
- > Labeling
- > Shipping Papers
- > Separation and Segregation
- > Placarding
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training or equivalent.

Module 3 – Basic Radioactive Material Transportation Training or equivalent.

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom – \$1250





SNC • LAVALIN

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
- > Examination

Prerequisites: Math Skills Proficiency

Available Format:

Classroom – \$1825

Online – \$1325

DOT/NRC Radioactive Waste Packaging, Transportation and Disposal Training

Course Description

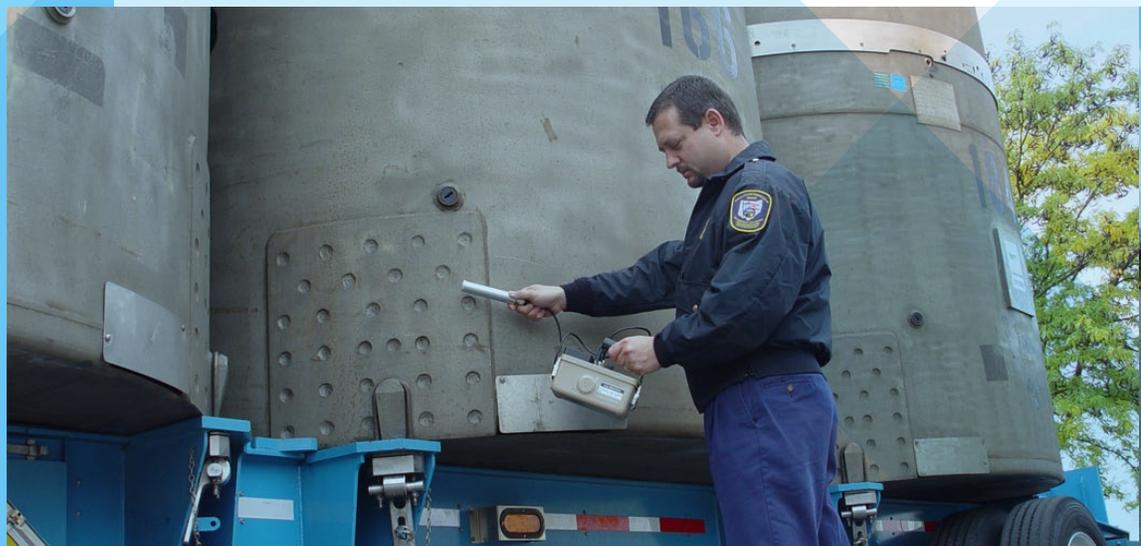
This course is designed to provide initial introduction and review of the U.S. Department of Transportation's (DOT) and Nuclear Regulatory Commission's (NRC) regulations governing the safe transportation and disposal of radioactive materials. The training also includes detailed information relating to 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.



Advanced Mixed Waste Shipper Certification Training



SNC • LAVALIN

Course Description

This course is designed to provide participants with a detailed understanding of DOT and EPA requirements specific to the transportation of mixed waste. This training utilizes a systematic approach that provides a logical flow to a mixed waste shipment. Study Guide scenarios used throughout the course ensure that all necessary steps are completed to ship a mixed waste in accordance with the applicable regulations. The training includes detailed information relating to the A₁/A₂ table, the calculations necessary for shipments containing multiple radionuclides, and RCRA waste code assignment, as required in 40 CFR. 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.

Who Should Attend?

Employees required to certify that Mixed Waste Shipments are in compliance with 49 CFR and EPA regulations.

Course Duration: 32 hours

Retrain Frequency: 3 years

Course Topics:

- > Security Awareness
- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking
- > Labeling
- > Shipping Papers
- > Separation and Segregation
- > Placarding
- > Examination

Prerequisites:

Advanced Hazardous Waste Shipper Certification Training or equivalent; and

Advanced Radioactive Material Shipper Certification Training or equivalent.

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom – \$1395





SNC • LAVALIN

Course Duration: 24 hours

Retrain Frequency: 2 years

Course Topics:

- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking
- > Labeling
- > Documentation
- > Radioactive Material
- > Examination

Prerequisites:

Advanced Hazardous Material Shipper Certification Training or equivalent; and

Advanced Radioactive Material Shipper Certification Training or equivalent.

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom – \$1525

IATA: Transportation of Dangerous Goods by Air Shipper Certification Training

Course Description

This course is designed to provide participants with a detailed understanding of the IATA regulations specific to the safe transportation of dangerous goods, including radioactive materials. This training utilizes a systematic approach that provides a logical flow to dangerous good shipments. Study Guide scenarios are used throughout the course so participants can practice for the examination. This ensures that all necessary steps are completed to ship dangerous goods in full compliance with IATA and Department of Transportation regulations. AAHP has awarded twenty-four (24) 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 IATA, Section 1.5.

Who Should Attend?

Employees required to certify that Dangerous Goods shipments are in compliance with IATA and 49 CFR.



Air Transport of Radioactive Materials Training



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 49 CFR and the IATA Dangerous Goods Regulations for domestic air and international transport.

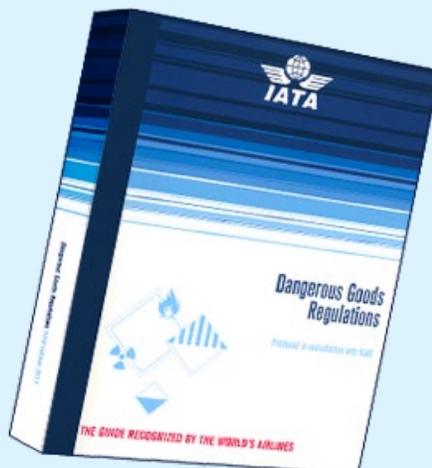
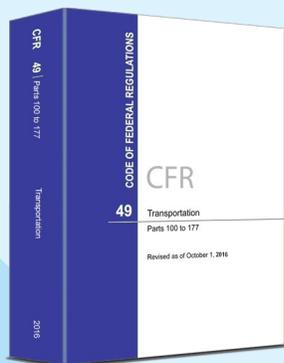
Additional Training Materials

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

Please call or e-mail us for pricing and availability.

Jennifer Keszler, Richland, WA
(509) 940-2070

Jennifer.Keszler@atkinsglobalns.com



Course Duration: 8 hours

Retrain Frequency: 2 years

Course Topics:

- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Radiation-Contamination Limits
- > Marking and Labeling
- > Documentation
- > Variations
- > Limitations
- > Shipping Exercises
- > Examination

Prerequisites:

NRC/DOT Radioactive Waste Packaging, Transportation and Disposal Training or

Advanced Radioactive Material Shipper Certification Training

Equivalencies must be approved by the Atkins Training Manager.

Available Format:

Classroom – \$945

Online – \$550



SNC • LAVALIN

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Identification
- > Classification
- > Proper Shipping Name Selection
- > Packaging
- > Marking
- > Labeling
- > Documentation
- > Examination

Prerequisites:

Module 1 – Basic Hazardous Material Transportation Training

Available Format:

Classroom – \$625

Online – \$525

Explosives Training for Shippers

Course Description

This course is designed to provide participants with a detailed understanding of the safe transportation of explosives. The training includes discussion of the Department of Energy explosives classification process and the DOT hazardous materials regulations for preparation of an explosive shipment. The training includes study guides to assist the participant with the steps required to prepare and ship explosives in full compliance with DOT regulations. 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.

Who Should Attend?

Employees required to certify that shipments of explosives are in compliance with 49 CFR.



Explosives Training for Drivers



SNC • LAVALIN

Course Description

This course is designed to provide participants with an understanding of the safe transportation of explosives. The training includes discussion of the explosives classification process and the DOT hazardous materials regulations for transportation of an explosive shipment. 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.

Who Should Attend?

Employees who are required to transport explosives in compliance with 49 CFR.

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Explosives Classification
- > Marking/Labeling
- > Documentation
- > Handling and Loading Requirements
- > Placarding
- > Examination

Prerequisites:

General Awareness Transportation Training

Available Format:

Classroom – \$575

Online – \$450



Motor Carrier Training

Atkins Motor Carrier training courses are designed to meet general training requirements identified by the Department of Transportation (DOT 49 CFR 172, Subpart H and FMCSR 390.3(e)), and may be customized or developed to meet the requirements of any company or facility. The training ensures that employees receive job specific training in a cost-effective manner.

Training appropriate to an employee is based on the employee's responsibility and level of training required. Recommendations for who should attend each class are outlined in the following course descriptions.



Hazardous Materials Driver's Training

Course Description

This course is designed to provide participants with general information for transporting hazardous materials. Course participants have the opportunity to use excerpts of applicable regulations and gain familiarity with those regulations. The emphasis of this course is transport of hazardous materials in quantities not requiring a Commercial Motor Vehicle (CMV) or Commercial Driver's License (CDL). This training meets the requirements found in 49 CFR 177.816. 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.

Who Should Attend?

Any person who in the course of employment, transports hazardous materials in quantities not requiring a CMV or CDL.



SNC • LAVALIN

Course Duration: 4 hours

Retrain Frequency: 3 years

Course Topics:

- > Definition of Motor Vehicle vs. Commercial Motor Vehicle
- > Commercial Drivers License Requirements
- > Training Requirements for Drivers of Hazardous Materials
- > Requirements for Pre/Post Trip Vehicle Inspections
- > Examination

Prerequisites:

Hazardous Material General Awareness Transportation Training or equivalent.

Available Format:

Classroom – \$495

Online – \$350



SNC • LAVALIN

Course Duration: 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Training Requirements for Drivers of Hazardous Materials
- > Operating Characteristics of a CMV
- > Medical Certificate Requirements
- > Hours of Service Requirements
- > Requirements for Pre/Post Trip and En Route Vehicle Inspections
- > Cargo Tank Safety and Inspection Requirements
- > Commercial Driver's License Requirements and Endorsements
- > Drug and Alcohol Testing Requirements
- > Examination

Prerequisites: None

Available Format:

Classroom – \$625

Online – \$450

Federal Motor Carrier Safety Regulations for Drivers

Course Description

This course is designed to provide participants with information regarding the operation of a Commercial Motor Vehicle (CMV) in compliance with the requirements in the Federal Motor Carrier Safety Regulations (FMCSR). Course participants have the opportunity to use applicable regulations and gain familiarity with those regulations. This training meets the requirements found in 49 CFR 177.816 and 49 CFR 390.3(e). 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 390.3(e).

Who Should Attend?

Any person who in the course of employment, operates a CMV and/or requires a CDL.



Federal Motor Carrier Safety Regulations for Managers and Supervisors



SNC • LAVALIN

Course Description

This course is designed to provide participants with information relating to transportation of goods requiring a Commercial Motor Vehicle (CMV) and/or Commercial Driver's License (CDL). Course participants have the opportunity to use current copies of applicable regulations and gain familiarity with those regulations. The emphasis of this course is to provide managers and supervisors guidance in implementation of and compliance with FMCSR as identified in 49 CFR Parts 325-399 and Part 40. Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Individuals who supervise, oversee, and manage motor carrier operations.

Course Duration: 16 hours

Retrain Frequency: 3 years

Course Topics:

- > Training Requirements for Drivers of Hazardous Materials
- > Operating Characteristics of a CMV
- > Medical Certificate Requirements
- > DOT Reporting Requirements
- > Hours of Service Requirements
- > Requirements for Pre/Post Trip and En Route Vehicle Inspections
- > Commercial Driver's License Requirements and Endorsements
- > Drug and Alcohol Testing Requirements
- > Cargo Tank Safety and Inspection Requirements
- > Examination

Prerequisites: None

Available Format:

Classroom – \$950

Online – \$675





SNC • LAVALIN

Course Duration: 4 hours

Retrain Frequency: 3 years

Course Topics:

- > Training Requirements for Loading and Securing Cargo
- > Vehicle Weight Restrictions and Cargo Placement Requirements
- > Performance Criteria for Cargo Securement Devices
- > Different Types of Load Securing Devices
- > Working Load Limit (WLL)
- > Practical Application of Securing Cargo to the Vehicle
- > En Route Vehicle Inspection Requirements
- > Examination

Prerequisites: None

Available Format:

Classroom – \$495

Online – \$350

Load Securement for Drivers and Traffic Personnel

Course Description

This course is designed to provide participants instruction on the DOT Federal Motor Carrier Safety Regulations (FMCSR) load securement requirements in 49 CFR 393.100-136. Course participants have the opportunity to use current copies of applicable regulations and gain familiarity with those regulations. The emphasis of this course is to ensure that cargo is properly loaded, distributed, and secured in or on the transport vehicle. Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Any person responsible for loading and securing cargo for transport.



Load Securing for Radioactive Materials Training



SNC • LAVALIN

Course Description

This course is designed to provide participants with information relating to the transportation of goods in commerce and the requirements for properly securing loads. Course participants have the opportunity to use applicable regulations and gain familiarity with those regulations. The emphasis of this course is to provide shipping personnel guidance in implementation of and compliance with FMCSR as identified in 49 CFR Part 392 and 393. Materials will be provided to facilitate completing the course.

Successful participants receive a certificate stating that they completed the course. Original tests and certificates will be returned to the individual for on-site record keeping.

Who Should Attend?

Any person responsible for loading and securing radioactive material cargo for transport.

Course Duration: 4 or 8 hours

Retrain Frequency: 3 years

Course Topics:

- > Implementation of the Federal Motor Carrier Safety Regulations
- > Load Securement for Drivers and Shipping Personnel
- > North American Standard for Protection Against Shifting and Falling Cargo
- > Inspection of Cargo and Load Securement Systems
- > Definitions
- > Classroom Exercises
- > Commodity Specific Requirements for the Nuclear Industry
- > Examination

Prerequisites: None

Available Format:

Classroom 4 hours – \$495

Classroom 8 hours – \$695





SNC • LAVALIN

Course Duration: 4 hours

Retrain Frequency: 2 years

Course Topics:

- > Radioactive Material Hazards
- > Labeling Requirements
- > Shipping Paper Entries
- > Placarding Requirements
- > Notification Requirements
- > Route Determinations
- > Examination

Prerequisites:

Hazardous Material General Awareness Transportation Training or equivalent.

Available Format:

Classroom – \$495

Online – \$350

Highway Route Controlled Quantity (HRCQ) Training for Drivers

Course Description

This course is designed to provide participants instruction on the DOT FMCSR with specific information regarding the safe transportation of HRCQ Radioactive Materials. Course participants use current copies of applicable regulations to understand the additional hazards and requirements associated with transporting highway route controlled quantities of radioactive materials. This training meets the requirements identified in 49 CFR 397.101. Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that the training meets the requirements of 49 CFR 397.101.

Who Should Attend?

Any person who transports a highway route controlled quantity of radioactive material.



Reasonable Suspicion Training for Supervisors



SNC • LAVALIN

Course Description

This course is designed to provide participants a clear explanation of the concept of "reasonable suspicion." It uses real-life scenarios that supervisors could face, including "refusal to submit to a drug and alcohol test." Information is included on physical behavior, speech and performance indicators of probable alcohol misuse or drug abuse, as required by 49 CFR 382.603. Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Individuals who supervise, oversee, and manage motor carrier operations.

Course Duration: 4 hours

Retrain Frequency: 0 years

Course Topics:

- > Explains the Concept of Reasonable Suspicion
- > Helps Satisfy 49 CFR 382.603
- > Trains Supervisors to Help Keep Impaired Drivers Off the Road
- > Uses Dramatic Vignettes to Illustrate Different Scenarios With Which Supervisors May be Faced
- > Reviews the Appropriate Supervisor Actions in Those Situations
- > Examination

Prerequisites: None

Available Format:

Classroom – \$495



Environmental / RCRA Training

Atkins environmental training courses are designed to meet the Environmental Protection Agency's (EPA) compliance requirements enforced in the workplace. We design, develop and evaluate our training against strict government and industry standards to enhance employee performance and ensure company compliance goals are met.

Atkins currently offers the following environmental courses through the Department of Energy's (DOE) Hazardous Materials Management and Emergency Response (HAMMER) training facility on the Hanford Site:

- > Waste Designation
- > Environmental Regulations
- > Container Waste Management
- > Waste Management Awareness
- > DOE NEPA Process

Please visit our web site at www.atkinsglobal.com/energytraining for our current course schedule, pricing, registration forms, and contact information.



RCRA Requirements for Satellite Accumulation Areas



SNC • LAVALIN

Course Description

This course is designed for personnel who utilize Satellite Accumulation Areas for the accumulation of RCRA Hazardous Waste. Participants will learn:

- > Marking requirements for containers within Satellite Accumulation Areas
- > Importance of segregation of incompatible wastes
- > Management and inspection of containers within Satellite Accumulation
- > Pollution Prevention techniques and requirements
- > Responsibilities for the use of Satellite Accumulation Areas
- > Potential record keeping requirements
- > Interaction with regulatory agencies

Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Personnel that generate RCRA regulated waste and place it into a pre-approved container within a Satellite Accumulation Area.

Course Duration: 4 hours

Retrain Frequency: 0 years

Course Topics:

- > Initial Satellite Accumulation Requirements including:
 - Marking containers
 - Management and Inspection of containers
 - Potential record keeping requirements
- > Users Responsibilities including:
 - Pollution Prevention
 - Property managing unknown or unmarked containers
 - Regulatory Agency Interaction
 - Notification requirements
- > Examination

Prerequisites: None

Available Format:

Classroom – \$250



SNC • LAVALIN

Course Duration: 12 hours with an optional 4 hour practice workshop

Retrain Frequency: 1 year

Course Topics:

- > RCRA Requirements for Waste Designation
- > Point of Generation
- > Designation of Dangerous Waste
 - Discarded Chemical Product
 - Dangerous Waste Source
 - Characteristic of ignitability
 - Characteristic of Corrosivity
 - Characteristic of Reactivity
 - Toxicity Characteristic
 - Washington State Criteria
- > Application of Federal and State Land Disposal Requirements (LDR)
- > Application of the Mixture Rule, Derived-From Rule, and Contained-In Rule
- > Examination

Prerequisites: None

Available Format:

Classroom – \$850 for 12 hours
\$1050 including 4 hour practice workshop

Waste Designation (Washington State)

Course Description

This course is designed for personnel responsible for the designation of waste in accordance with the Washington State Dangerous Waste Regulations. Participants will learn:

- > The Designation Process in accordance with WAC 173-303-070(3)
- > Identification of a listed waste
- > Identification of RCRA characteristic waste
- > Washington State Criteria of Toxicity and Persistence
- > Federal and State Land Disposal Requirements
- > Federal and State Mixture Rule
- > Derived-From Rule and Contained-In Rule

Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Personnel responsible for designating waste in accordance with the Washington State Dangerous Waste Regulations (WAC 173-303).



RCRA Hazardous Waste Identification



SNC • LAVALIN

Course Description

This course is designed for personnel responsible for the Identification of RCRA Hazardous Waste in accordance with 40 CFR Part 261.

Participants will learn:

- > The Designation Process
- > Identification of a listed waste
- > Identification of RCRA characteristic waste
- > Federal Land Disposal Requirements
- > Mixture Rule, Derived-From Rule and Contained-In Rule

Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Personnel responsible for identification of RCRA Hazardous waste in accordance with 40 CFR 261.

Course Duration: 8 hours

Retrain Frequency: 1 year

Course Topics:

- > RCRA Requirements for Waste Identification
- > Point of Generation
- > Designation of Hazardous Waste
 - Discarded Chemical Product
 - Dangerous Waste Source
 - Characteristic of Ignitability
 - Characteristic of Corrosivity
 - Characteristic of Reactivity
 - Toxicity Characteristic
- > Application of Federal Land Disposal Requirements (LDR)
- > Application of the Mixture Rule, Derived-From Rule, and Contained-In Rule
- > Examination

Prerequisites: None

Available Format:

Classroom – \$700 for 8 hours





SNC • LAVALIN

Course Duration: 8 hours

Retrain Frequency: 1 year

Course Topics:

- > Terms and definitions
- > Per generator status:
 - Accumulation standards for SAAs and CAAs
 - Container requirements
 - Emergency prevention/preparation
 - Emergency procedures
- > Special issues with unique wastes including empty containers, used oil, aerosols, and universal waste
- > Pre-transport container requirements
- > Recordkeeping requirements

Prerequisites: None

Available Format:

Classroom – \$650

RCRA Container Waste Management

Course Description

This course is designed for personnel managing containers in Satellite Accumulation Areas and Central Accumulation Areas in accordance with 40 CFR 262. Participants will learn:

- > Terms and definitions associated with RCRA Container Management
- > Accumulation standards for Satellite Accumulation Areas (SAAs) and Central Accumulations areas (CAAs) per generator status
- > Criteria for containers in SAAs and CAAs per generator status including marking, labeling, volume and time limits and inspections
- > Prevention/preparation and emergency procedures per generator status
- > Unique waste management
- > Pre-transport container requirements
- > Record Keeping requirements per generator status

The course work has been revised to reflect EPA's Generator Improvement Rule.

Materials will be provided to facilitate completing the course.

Successful participants receive a certification stating that they completed the course.

Who Should Attend?

Personnel responsible for the management of hazardous waste containers in SAAs and CAAs.



Suspect, Counterfeit and Fraud Detection Workshop



Course Description

This training meets the needs of the Commercial Nuclear community, Department of Energy, Oil and Gas industry, and the private sector.

The training introduces the participant to the growing counterfeit issue through a hands-on workshop with actual hardware parts and materials. The training format is an interactive workshop with participants discussing processes, components, roles and responsibilities. Individuals are given a number of different hardware components, and asked to identify problems which would indicate the item is a potential counterfeit.

Additional topics include counterfeiting of electronic components and issues discovered in the construction industry.

Who Should Attend?

The workshop is geared for everyone from the maintenance master crafts persons, purchasing agents, engineers, procurement engineers, building inspectors, material handlers, quality assurance personnel, warehouse persons, job planners, clerical, credit card purchaser, vendors/suppliers and management. The materials handled during the workshop are common to the work place, and in some cases to the home.



Course Duration:

Module 1 – 4 hours for engineers, procurement personnel, quality assurance, quality control, receiving, and project managers

Module 2 – 2 hours for maintenance craft personnel, installers, and quality control inspectors

A 1-1/2 hour version is also available for senior management and supervisors

Course Topics:

- > Counterfeiting as related to the nuclear industry and other industries.
- > The roles each of the organizations or disciplines play.
- > Emphasis on prevention of counterfeit/suspect item inflow
- > Importance of establishing clear requirements when designing or requesting materials.
- > National consensus standards for purchase orders.
- > Awareness of tactics used to slip counterfeit items into the inventory.
- > Actions to take when a suspect counterfeit item is identified.

Available Format:

Classroom – 4 hour –\$200 ;
2 hour – \$150

Training can be tailored to the customer needs.

For Pricing and Scheduling Contact:

Merrie Schilperoort, Training Manager,
Nuclear

(509) 940-2074

Merrie.Schilperoort@atkinsglobalns.com



Contacts:

Merrie Schilperoort (509) 940-2074
Merrie.Schilperoort@atkinglobalns.com

Jennifer Keszler (509) 940-2070
Jennifer.Keszler@atkinglobalns.com

Please visit our web site at
www.atkinglobal.com/energytraining
for course descriptions, pricing, and registration forms.