

H.e.A.T.

Course Overview & Syllabus



Background.

eRisk Solutions, in partnership with the Massachusetts Energy Marketers Association (MEMA) and the National Oilheat Research Alliance (NORA), introduces its new driver training program designed specifically for the Heating Oil Industry. This program was introduced to address the current shortage of finding qualified and CDL licensed drivers that have HAZMAT experience. The program provides entry level drivers the training necessary to reduce risks and improve overall safety culture. HEAT will be conducted by trained industry experts combining classroom with hands-on training through a state of the art driving simulator.

Training.

- Orientation of Industry
- Vehicle Systems & Controls
- Pre/post Trip Inspections & Preventive Maintenance
- Hazmat 126/232
- Hazard Communications
- Advanced Driver Training with Simulator
- Roll-over Prevention with Simulator
- Spill Prevention & Response
- Fuel Distribution Best Practices
- Tank & Line Inspections
- Delivery Procedures
- Emergency Action Plans
- CSA Compliance
- PSP Compliance
- Introduction to TWIC

Class Duration & Costs.

- 5 classes/40 hours total (1 class per week)
- \$1,500.00 per student
- MEMA will cover 50% of the tuition per student by utilizing its NORA funds upon course completion

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Training Program.

Training day will be 9 (nine) hours consisting of 8 hours of instruction with regularly scheduled breaks. Students will be required to attend all modules for successful completion of the training program.

Day 1.

Orientation

2 hours

- Program introduction
- Course layout and expectations
- Overview of specialized training requirements and industry regulations
- Overview of Hazmat driver operation

Hazardous Materials

6 hours

- Review all necessary topics to assist student in preparing for hazmat endorsement test
- Review the study guide for student's specific state of operation and sample exams
- Provide the student with annual HM-126 and HM -232 (basic only) training in accordance with FMCSA and PHMSA.

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Day 2.

Hazardous Materials

2 hours

- Review material covered in day 1 and continuation to complete course as necessary

Vehicle Systems and Controls

3 hours

- Review terminology and all the basic systems on commercial trucks
- Overview of general systems and controls with extensive training on those unique to tankers
- Hands-on training covering classroom topics with heating oil delivery truck

Fuel Distribution Best Practices

1.5 hours

- Focus on the implementation of Industry Best Practices to minimize losses and their resulting financial impact
- Overview of current regulations and trends impacting the industry today

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Day 3.

Vehicle Inspections and Preventive Maintenance

3 hours

- Reinforce the importance of proper pre and post trip inspections
- Introduce special inspections required on tank vehicle
- Review preventive maintenance, malfunctions with basic diagnosis, and how to report these issues properly
- Hands-on training covering classroom topics with heating oil delivery truck

Tank & Line Inspections and Delivery Procedures

5 hours

- Provide the education and tools needed to safely inspect heating oil tanks and lines
- Review Proper delivery procedures
- Hands-on training of delivery procedures, truck positioning, safety policies, and best practices

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Day 4.

Advance Driver Training

2 hours

- Specialized defensive driving class focused on visual search patterns, communicating with other motorists, speed and space management, hazard perception, night driving, extreme conditions, and railroad crossings

Roll-Over Prevention

2 hours

- Focus on the unique handling characteristics of tank vehicles and how to prevent roll-over potential
- Review emergency maneuvers like tire failure, brake failure, and evasive steering. Students will learn how to control skids and recover from them.
- Hands-on training with eRisk Solutions' Mobile Training Center

Spill Prevention and Response

1 hour

- Provide the necessary tools to understand and prevent spills from occurring
- Review proper procedures and response in the event a spill does occur

Emergency Action Plans

1 hour

- Overview of procedures when an emergency occurs
- Review spill notifications and accident procedures
- Focus on steps to follow at accident scenes including proper documentation and interaction with both law enforcement and the public

Hazard Communications

2 hours

- Training on OSHA Hazard Communication standard

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Day 5.

CSA

1 hour

- Introduction the Compliance, Safety, and Accountability program.
- Review the compliance and enforcement functions, company safety records, and the impact on students' and their Pre-Employment Screening Program (PSP) report

TWIC

1 hour

- Introduction to the Transportation Security Administration and the requirements to obtain a Transportation Workers Identification Credential (TWIC).
- Review applications and website for scheduling appointments

Final Exam Review

3 hours

End of Course Evaluation

1 hour

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Student Requirements.

This program is open to CDL drivers. Students must have a valid class A or B CDL from home state and a current medical card. Students should not have more than two (2) moving violations and no preventable accident in last thirty-six (36) months. Program is currently only offered in English.

Participating companies are responsible for pre-screening students to ensure that students meet their company's hiring requirements once the program has been completed. It is the companies' duty that students report on-time and are available for the duration of the training program with no other work related duties assigned.