NATIONAL PARTNERSHIP FOR ENVIRONMENTAL EDUCATION (PETE)
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HMIT GRANT – TRAINING IN PARTNERSHIP WITH
ALLIANCE OF HAZARDOUS MATERIALS PROFESSIONALS CHAPTERS (AHMP),
ARKANSAS ENVIRONMENTAL TRAINING ACADEMY,
THE HERITAGE GROUP, INDIANAPOLIS, IN
GUAM COMMUNITY COLLEGE, GUAM
AMARILLO COLLEGE, AMARILLO, TX
NATIONAL CORVETTE MUSEUM, BOWLING GREEN, KY
3-DAY HMIT WORKSHOP TRAINING SCHEDULE
MORE TO BE SCHEDULED

- January 14-16 – The Heritage Group, Indianapolis, IN
- February 25-27 – Hazardous Materials Society, Rockville, MD
- March 9-11 – Amarillo College, Amarillo, TX
- March 24-26 – GSHMM Chapter, St. Louis, MO
- April 6-8 – GUAM Community College, GUAM
- April 14-16 – National Corvette Museum, Bowling Green, KY
- June 9-11 – AMP Cyber Chapter, Chicago, IL
SCHEDULE CONT.

• June 15-17 – AHMP – NJ Chapter, Mount Freedom, NJ
• June 23-25 – AHMP Cyber Chapter, Salt Lake City, UT
• August 26-28 – AHMP Midwest Plains Chapter, Omaha, NE

ARKANSAS ENVIRONMENTAL ACADEMY:
• February 3-6 – Camden, AR (postponed)
• March 30 – April 2 – Maumelle, AR
• May 11-14 – Blytheville, AR
• June 8-11 – Camden, AR
• July 6-9 – Memphis, TN
• September 14-17 – Maumelle, AR
HAZARDOUS MATERIALS TRAINING PROGRAM

Mike Bethge – Assistant Director of Hazmat Programs
Jill Medeiros – Director of Administration
Tom Murta – Executive Director
Comprehensive hazardous materials training in both type and scope

THREE PROGRAM TYPES

- Train-the-Trainer
- Direct Training
- Tabletop Exercises

FIVE KEY TOPICS

1. General **AWARENESS**
2. Function **SPECIFIC**
3. Safety **PROCEDURES**
4. OSHA, EPA & Spill **NOTIFICATIONS**
5. Homeland **SECURITY**

131 Participating Companies • 45 Training Events
Learn from some of the most experienced individuals in the industry.

HAZARDOUS MATERIALS
TRAIN-THE-TRAINER

Best for railroads with **IN-HOUSE TRAINERS** and **ESTABLISHED TRAINING PROGRAMS**

HAZARDOUS MATERIALS
DIRECT TRAINING

For railroads that may get more from having **ALL OF THEIR EMPLOYEES IN THE ROOM**

Scalable solutions for one or multiple RRs

HAZARDOUS MATERIALS
TABLETOP EXERCISES

**KEY COMPONENTS**

1. Hazmat incident **PLANNING**
2. Identifying **BEST PRACTICES**
3. Emergency response **PROTOCOLS**
4. Emergency response **COORDINATION**

Tailored specifically to each railroad
A mobile training tool like no other

SHORT LINE SAFETY INSTITUTE’S
SAFETY TRAIN

AN ALL-IN-ONE MOBILE TRAINING VENUE

APPLYING

Classroom Training

WITH

Practical Hands-on Experience

The Short Line Safety Institute’s Safety Train parked in Anytown, USA
The Short Line Safety Institute’s Safety Train parked in Anytown, USA
Overview of Training

March 10, 2020
Training Facts & Figures

FY 2019

204,773  
Total Trained

8,781  
Total Classes Delivered

105  
Countries Served

100%  
Of Texas Counties Served

3.3 Million  
Total Contact Hours
QUESTIONS
International Chemical Workers Union Council
# ICWUC, UAW, AFGE, AFSCME, UFCW WORKERS HAZMAT TOOLBOX

## A — Hazmat Basics
- What are “Hazardous Materials”?
- Who is a “First Responder”?

## B — Rules & Regulations
- DOT, OSHA & PHMSA
- Hazardous Materials Regulations (HMR)
- What is a “Hazmat Employee”?
- HAZWOPER & Emergency Action/Response
- Other Hazmat Agencies & Legislation

## C — Chemical Properties
- States of Matter & Properties of Gases
- Fire & Explosion
- Ionizing Radiation
- Corrosives & Water Reactive Chemicals
- DOT Hazard Classification System

## D — Toxicology
- Health Effects
- Target Organs
- Radiological Effects

## E — Hazard Recognition/Communication
- Shipping Papers
- Placards
- Truck/Car Shapes & Types
- Labels & Markings

## F — Responder Resources
- DOT Emergency Response Guidebook
- NIOSH Pocket Guide
- SDS & New Jersey Fact Sheet

## G — DOT Security Awareness
- The Worker’s Role
Conduct Train the Trainer programs for worker/trainer/instructors to conduct toolbox training.

Shipping and receiving of chlorine in chemical plants. At one facility, a weld failed and a 90-ton tanker car of chlorine completely emptied.

DOT regulated shipping and receiving of industrial solvents and heavy metal fluids in the auto industry.
Packaging and shipping of infectious substances at VA hospitals, some of whom may care for COVID patients.

Shipping and receiving of industrial pesticides used in state, county and municipal parks.

The inadvertent bulk unloading of sulfuric acid into a sodium hypochlorite storage tank resulting in a chlorine gas release.
Zender Environmental Health and Research Group
Zender Environmental, SWAT, & Backhaul AK

SWAT
Solid Waste Alaska Taskforce
Training Opportunities – Hubs, Regionally, Onsite

- Backhaul Alaska Training (Anchorage)
- Kawerak Regional SWM Training (Nome)
- Backhaul AK Site Visit (Alakanuk)
HMR Training Summary

Individuals Trained – 101
- 2018 – 27
- 2019 – 74

HMR Training Opportunities – 10
- 2018 Backhaul Alaska – 1
- 2019 Backhaul Alaska – 1
- 2019 Site Visits – 6
- 2019 Other – 2

Communities Represented – 48
- 2018 – 16
- 2019 – 40
Training Opportunities

Backhaul Alaska Pilot 2 Training
Training Opportunities – Site Visits

Alakanuk

Ekwok
Training Opportunities – Regional

Kawerak Regional Training - Nome

Solid Waste & Backhaul Training Bethel
The Sustainable Workplace Alliance
This is our seventh year of conducting HMIT training and over this period, we’ve directly trained over 5,000 HAZMAT trainers across the country. These ones have gone back and trained over 30,000 HazMat employees.
Whether Hazardous Materials are being transported, prepared for transport, stored, or unloaded, they are vulnerable to sabotage or misuse.

The nature of handling hazardous materials or waste makes accidents a continual possibility, no matter how infrequently they may actually occur.
49CFR focused 3-day HMIT
Learn U.S. regulations that apply to the packaging and transportation of hazardous materials, and how to easily teach these complicated regulations

Advanced 5-day HMIT
Everything in the 3-day class PLUS... student teach-backs and tour of local shipping facility
Questions Answers