



ENVIRONMENTAL HEALTH AND SAFETY

Chemical Hygiene Programs: Transportation of Hazardous Materials

Purpose/General Discussion:

Transportation and shipping of hazardous materials is regulated by the Federal Department of Transportation (DOT). The extensive DOT regulations include specific requirements for:

- Packaging and labeling
- Manifests and shipping papers
- Vehicle placarding
- Compatibility of cargo items and stowage requirements
- Training of personnel
- Driver qualification

All transport and shipping of hazardous materials by the School shall comply with the applicable DOT regulations.

Authoritative References:

Principal Authority

Title 49, Code of Federal Regulations, Parts 106-397, United States Department of Transportation, Research and Special Programs Administration, (current revision).

Other References

Technical Instructions for the Safe Transport of Dangerous Goods by Air, International Civil Aviation Organization (ICAO), (current revision).

Dangerous Goods Regulations, International Air Transport Association (IATA), (current revision).

Regulations for the Safe Transport of Radioactive Material, International Atomic Energy Agency (IAEA), (current revision).

Responsibilities:

The enforcement authorities for Hazardous Material Transportation regulations in Colorado are the Colorado State Patrol and local law enforcement agencies. Their enforcement authorities extend to all public roads and streets on campus.

The Environmental Health and Safety Department (EHS) is responsible for ensuring compliance with applicable hazardous materials shipping regulations. The EHS Department shall approve containers and packages, complete shipping papers, affix proper labels, provide placards, etc. for materials offered for transportation by commercial carriers. The EHS Department shall determine whether transport is permissible by Mines personnel in state or private vehicles. The EHS Department shall ensure that personnel involved in transportation of hazardous materials receive the required training.

Discussion/Description:

Due to the complex nature of these regulations, any transportation of hazardous materials shall be coordinated through the Environmental Health and Safety Department. Transportation of hazardous materials includes (1) the transport of hazardous material in vehicles owned by the State and (2) the transport of School-owned hazardous material in vehicles not owned by the State. The policy shall apply to the offering of hazardous materials for transportation by commercial carriers, the carriage of hazardous materials in private and state vehicles, transport of hazardous materials in luggage or carried on board any public means of transportation.

This policy may not apply to the transport of hazardous materials by a commercial vendor in vendor-owned containers (e.g. compressed gas cylinders).

Training of Mines personnel involved in activities affecting hazardous materials transportation shall be coordinated by the EHS Department. Specific elements of this training are supplied in the guidance document "Training Requirements for Transportation of Hazardous Materials" (Policy Index Number 2-30-0).