*DISCLAIMER*

*Although we have endeavored to accurately reflect the position of the Department, the positions presented in the following slides do not constitute the official position of the Department except when a statute or regulation is quoted.  It is solely intended to be an aid in addressing the situations discussed.*

**Best Practices**

* Conduct a formal hazard analysis of the chemicals delivered to your site for disposal processing. Evaluate risk throughout the process to include work stations where employees are engaged in handling, transfer and monitoring. Update SOPs and PPE as monitoring and analysis dictates.
* Evaluate the effectiveness of engineering controls in removing the risk of incidental, accidental contact to chemicals, vapors or fumes.

* Evaluate and provide effective ventilation controls to be effective in eliminating airborne exposure to fumes, mist and vapor.
* Install appropriate fixed gas detection equipment where feasible and ensure they are positioned to sample worker environment. Establish controls in locations that reduce or eliminate personal exposure.
* Develop and maintain an effective Respiratory Protection Program. Conduct and document annual reviews
* Train miners in the use, limitations, and maintenance of PPE (suits, boots gloves, respirators, supplied air, direct read instruments etc)
* Conduct frequent emergency drills for spills and other anticipated events to ensure that miners understand the contingency plan. Include local emergency services in the drills.
* Conduct Hazard Communication training; update the chemical inventory list, ensure MSDS/ SDSs are current, reviewed and available for employees, fuel technicians, contractors, and others that could be potentially exposed.

**At a minimum the following regulations are applicable. You should evaluate your procedures and practices for compliance to *no less than* the following standards:**

• Part 46/48 Task and Hazard Training

• Part 47 Hazard Communications

• 47.53 Alternative for Hazardous Waste

• 56/57.5001 Exposure limits for airborne contaminants

• 56/57.5002 Exposure monitoring

• 56/57.5005 Control of exposure

• 56/57.14100 Safety defects

• 56/57.15006 PPE

• 56/57.16003 Storage of hazardous materials

• 56/57.16004 Containers for hazardous materials

• 56/57.18002 Work Place Examinations

• 56/57.20003 Housekeeping

• 56/57.20011 Barricades and warning signs