

SPILL RESPONSE/ENVIRONMENTAL CLEANUP TECHNICIAN

July 18 & 19, 1995

The Spill Response/Environmental Cleanup Technician prepares for, responds to, and mediates spills and wastes to ensure public safety, environmental protection, and regulatory compliance.

General Areas of Competence (In Bold) and Specific Tasks

- **Category A. Ensuring Regulatory Compliance**

- A-1 Identify applicable regulations
- A-2 Review applicable regulations
- A-3 Interpret regulations
- A-4 Apply regulations to your work
- A-5 Maintain documentation

- **Category B. Operating and Maintaining Equipment**

- B-1 Perform preventative maintenance
- B-2 Safely operate equipment within its limitations
- B-3 Assemble, disassemble, or reassemble equipment components
- B-4 Troubleshoot equipment
- B-5 Perform minor repairs
- B-6 Test and evaluate equipment
- B-7 Maintain documentation

- **Category C. Training**

- C-1 Assist in development of training materials
- C-2 Provide classroom and field training
- C-3 Conduct presentations
- C-4 Assist in writing operations manual(s)
- C-5 Maintain mandatory refresher training
- C-6 Evaluate effectiveness of training

C-7 Maint

- **Category D. Conducting Initial Site Assessment**

- D-1 Ensure personnel safety
- D-2 Perform a personnel headcount
- D-3 Establish communications with appropriate parties, including spiller, if possible
- D-4 Ensure that spill notifications are made
- D-5 Estimate severity of spill: estimate area impacted and its environmental sensitivity; estimate volume spilled/released; determine the product spilled/released
- D-6 Determine environmental/weather conditions: monitor weather; monitor air and water quality; monitor wildlife
- D-7 Conduct hazard assessment, including establishment of the exclusion zone
- D-8 Review Material Safety Data Sheet(MSDS) to determine associated hazards
- D-9 Determine appropriate personal protective equipment (PPE) based on MSDS
- D-10 Establish site safety plan
- D-11 Set initial objectives
- D-12 Determine equipment and personnel needs

- D-13 Follow/complete pre-entry plan
- D-14 Complete reports/forms
- D-15 Maintain documentation

- **Category E. Controlling Sources**

- E-1 Identify and review control options
- E-2 Set up decontamination area (May need to be set up prior to site assessment)
- E-3 Select and execute control option(s)
- E-4 Evaluate effectiveness of control option(s)
- E-5 Maintain documentation

- **Category F. Controlling/Containing Spill**

- F-1 Consider contingency plan and determine course of action to minimize impact of spill
- F-2 Identify and evaluate containment options
- F-3 Select and execute containment option(s)
- F-4 Evaluate effectiveness of containment options
- F-5 Maintain documentation

- **Category G. Recovering/Removing Spill**

- G-1 Identify and evaluate recovery/removal options, including equipment options
- G-2 Determine if recovered product is hazardous or nonhazardous
- G-3 Determine if recovered product is exempt or non-exempt
- G-4 Identify storage for recovered product
- G-5 Transfer/transport recovered product
- G-6 Identify disposal/reuse options
- G-7 Maintain documentation

- **Category H. Monitoring Wildlife Impact**

- H-1 Know and follow federal, state, and local regulations
- H-2 Activate appropriate permits through Operations Manager
- H-3 Identify wildlife areas and verify wildlife in the areas
- H-4 Identify wildlife species
- H-5 Assess wildlife conditions
- H-6 Notify appropriate individuals: Haze, capture, or collect wildlife, as directed; Stabilize and release wildlife
- H-7 Maintain documentation

- **Category I. Setting Up/Managing Staging Area(s)**

- I-1 Identify resources needed
- I-2 Identify/determine staging site(s)
- I-3 Establish security
- I-4 Track personnel and equipment
- I-5 Demobilize personnel, equipment and supplies
- I-6 Maintain documentation

- **Category J. Decontaminating Personnel and Equipment**

- J-1 Implement the appropriate decontamination procedures
- J-2 Track personnel and equipment
- J-3 Evaluate effectiveness of decontamination
- J-4 Manage and reduce waste
- J-5 Properly dispose of waste material
- J-6 Maintain documentation

- **Category K. Managing/Handling Hazardous Materials**

- K-1 Ensure regulatory compliance
- K-2 Identify and categorize hazardous materials
- K-3 Inspect hazardous materials storage areas
- K-4 Collect and transport hazardous materials
- K-5 Properly label and package hazardous materials for storage, shipment or disposal
- K-6 Maintain documentation

- **Category L. Conducting Site Remediation**

- L-1 Assist in updating the site safety plan
- L-2 Set up site safety zones
- L-3 Physically modify the site safety zones as remediation progresses
- L-4 Monitor the site; perform on-site tests
- L-5 Set up/modify decontamination stations
- L-6 Take proper samples
- L-7 Set up and maintain remediation systems
- L-8 Maintain documentation

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