



Safety & Compliance

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OESAC CEU Committee
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Subject: Request for CEU's for updated and revised 4 Hour Haz-Mat Update

Date: June 7, 2021

OESAC CEU Committee:

I am glad to offer this revised and again updated version of my 4 hour hazardous materials course that I have been teaching since the late 1980's, for CEU's. This class as before will focus on water, wastewater and onsite workers. We teach about the new OSHA Hazard Communication Standard including SDS (Safety Data Sheets) and Pictograms. The focus is safety as it relates to chemicals used in the industry and touches on outside emergencies.

I am adding instruction on the new DOT 2020 Guide Book and the changes it has brought to Haz-Mat classes.

I have 40 years of fire hazmat response background, I have been a hazmat technician since 1985, I teach nationally for the IAFF (that training includes Awareness, Operations and Technician) and have owned my safety business since the late 1980's (Safety & Compliance). I have been teaching water and waste water hazmat classes to the men and women in Silverton, Mt. Angel, Aumsville and Hubbard areas for well over 15 years. I also have worked as a safety trainer and consultant for the Oregon Ground Water Association and the Pepsi Corporation.

I hope that my request is clear and if you need references as to my teaching ability that you will contact me.

Thank you for taking the time to review my request.

A handwritten signature in black ink, appearing to read "Don Fleck". The signature is written in a cursive, somewhat stylized font.

Don Fleck

Safety & Compliance 4-Hour Haz-Mat Update 2021

---Course Agenda / Timeline---

<u>0800-0830</u>	<u>Introduction to Haz-Mat in Water, Wastewater & Onsite</u>
<u>0830-1030</u>	<u>Hazard Communication / New GHS/Awareness Pictograms / 16 part SDS / OSHA's Definitions States of Matter Chemicals in your Work Place Chemical Effects and Routes of Entry Exercise Reading Real Containers</u>
<u>1030-1045</u>	<u>Break</u>
<u>1045-1245</u>	<u>Container Markings in the Water, Wastewater & Onsite NFPA 704 HMIS System Container Shapes Mean Something / But What? MSDS / How do I Use This Tool? Compressed Gases / Understanding the dangers 2020 ERG / How This Tool Works / Hands On Final Exercise Using the Tools</u>

Global Harmonization System

1. What is the Globally Harmonized System?

A labeling system

A system of standardizing the classification and labeling of chemicals

The EPA's system of classifying chemicals.

2. True or False.... Chemical container labels are not affected by the GHS requirements?

True _____

False _____

3. True or False... The Hazard Communication Standard is being replaced by GHS?

True _____

False _____

4. One major area of the HAZCOM standard that the GHS changes is?

EPA placarding

Hazard classification

Entry data sheets

5. A pictogram with a flame in it indicates that the chemical may be?

A mutagen

Pyrophoric

Toxic

6. True or False... A picture of a gas cylinder on a GHS label indicates that the chemical is a gas under pressure?

True _____

False _____