



## Syllabus – SMS 611 SI SW SG

# HAZARDOUS MATERIALS MANAGEMENT

Anfeald's Hazardous Materials Management Course, SMS 611, is a professional development course for learners involved with hazardous materials management, including occupational safety and occupational health professionals, collateral duty safety and health officers, and others who manage facilities or processes that involve hazardous materials storage and use.

This course covers considerations for day-to-day use and emergency releases, and it includes critical but often forgotten or insufficiently addressed topics. The discussion also includes several regulations and regulatory agencies involved with chemical safety and health matters.

- Contact Hours: 2.0-nominal, 1:35-actual, 0.2-CEU
- Course Difficulty Level: Moderate
- Course Size: Not Applicable
- Prerequisites: None
- Refresher Frequency: Not Applicable

## LEARNING PATH AND OUTCOMES

This course covers the following topics:

1. How most HAZCOM training falls short of actual day-to-day chemical handling needs, and what to do about it
2. The importance of high-quality and prompt PPE hazard assessments for chemical protective clothing and respiratory protection
3. Occupational health considerations for PPE hazard assessments that involve hazardous materials exposures
4. The difference between incidental chemical releases that fall under HAZCOM (29 CFR 1910.1200), and non-incidental releases covered by HAZWOPER (29 CFR 1910.120)
5. The different HAZWOPER training levels and how they apply to each location type in the HAZWOPER regulation
6. A summary of other important OSHA and EPA regulations that address chemical handling, storage, and emergency response

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7. A brief summary of fire code requirements related to chemical storage and emergency response

By the end of the course, learners will:

1. List five core occupational safety and health considerations for chemical handling on a day-to-day basis and emergency response basis. [LOR 059]
2. Describe when PPE assessments are required? [LOR 056]
3. List and differentiate PPE levels A through D. [LOR 057]
4. List the four ways that chemicals enter the human body, and indicate the most common entry route [LOR 028]
5. Evaluate a given release to determine if the release is HAZCOM regulated (incidental) or HAZWOPER regulated (emergency response). [LOR 002]
6. List the five HAZWOPER emergency responder roles and state the primary responsibility of each. [LOR 003]
7. What are four important considerations for hazardous material storage and use under the International Fire Code. [LOR 058]

## **NO PROPRIETARY INTEREST DISCLOSURE**

Anfeald, nor its instructors, do not represent manufacturers, sell consumables, sell equipment, rent equipment, make money on referrals or recommendations, receive promotional fees or royalties, or have a personal stake or vested interest in or with any non-Anfeald party or product. References to equipment and consumables are for explanatory purposes only.

## **CREDIT-EARNING REQUIREMENTS FOR ALL SESSIONS**

Successful learners are accountable for the following:

- Maintain personal responsibility for learning and actively participate
- Complete tests, knowledge checks, and activities as assigned
- Do not miss more than the “allowable missed class time” as defined below
- Do not engage in discriminatory or disruptive behavior as defined below
- Do not “multitask,” as defined below

Unless otherwise notified by the instructor, allowable missed class time is 5-minutes for every 2-hours of nominal LE time. For courses facilitated over more than one day, a daily allowable-missed-time maximum of 20-minutes applies. Learners are accountable for all outcomes, regardless of missed time.

You must participate in all aspects of this course. Knowledge checks and tests [INSERT] [require a x-percent passing grade] [are pass/fail].

### **CREDIT-EARNING REQUIREMENTS FOR WEBINARS**

The following items apply specifically to webinars:

- Each learner must have their own device during class (desktop, laptop, or tablet)<sup>1</sup>
- Each computer must have a working camera and a working microphone
- When using laptops and tablets, verify they are plugged in and/or fully charged
- Select a location free from distractions
- Have a reliable internet connection with sufficient bandwidth for audio and video or, for slower connections, use the desktop, laptop, or tablet for video, and call in on a phone for audio<sup>2</sup>
- Enter the session using the same email provided at registration time
- Keep your camera on during the event – Exceptions include breaks and lunch
- Mute your microphone on entry and when not speaking
- Stay engaged and participate in the learning event
- When applicable, complete and submit worksheets, homework, and tests as requested during each session using the chat function or by email, as directed by the instructor

### **BRING YOUR SMART PHONE OR TABLET TO CLASS**

Anfeald learning events feature one or more surveys, knowledge checks, tests, and evaluations. You will complete these using a smartphone, tablet, or a laptop. For in person sessions, if you do not have a device, paper copies are available. For webinars, you can also use a new tab on your laptop or desktop computer.

#### **We Care About Your Success - No “Multitasking” Reminder**

To help ensure all learners acquire the necessary knowledge and skill, Anfeald prohibits laptop, tablet, and phone use during class, except when used for course participation, completion of a learning activity or an evaluation.

#### **Safe and Inclusive Learning Environment Notice**

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<sup>1</sup> Anfeald allows larger tablets, however, using a smartphone to display the LE is unacceptable since the screen is too small and participation by audio alone is insufficient.

<sup>2</sup> Splitting bandwidth by using a phone for audio together with a laptop or tablet for video is acceptable and it is a useful technique to address internet bandwidth problems. When using a mobile phone to join the audio portion of the session, use the same one supplied at registration or send a note to the instructor via private chat or email so we can match all connected devices with participating learners.

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Anfeald and learners complete most sessions without a problem, and we expect that today will be the same. However, Anfeald is committed to learning environments that promote learning. It is incumbent upon us to mention that Anfeald prohibits the following discriminatory and disruptive behaviors:

- Threaten, intimidate, harass, denigrate, or fight with others
- Use racist, antisemitic, misogynistic, or other hate speech
- Engage in other discriminatory or disruptive behavior
- Discuss politics, religion, and other controversial topics that are likely to offend others and that interrupt learning

Anfeald requires its instructors to decisively redress discriminatory or disruptive behavior and other concerns. Extreme and/or repetitive inappropriate behavior subjects the learner to ejection from the learning event, an incomplete status for the course, and employer notification. Anfeald does not issue certificates, nor does it provide refunds under these circumstances.

### Employers Looking for Training Evidence

Send a note to [Answers@Anfeald.com](mailto:Answers@Anfeald.com) and we will help, provided we can verify your identity. We can only share rosters with current clients through established client contacts and communication methods. Anfeald will not share rosters or certificates with third parties without written permission, and only when we can verify the identity of the recipient. Anfeald retains rosters and other training evidence for a minimum of seven years.

## ABOUT CERTIFICATES

Anfeald generates a certificate for each learner that successfully earns credit for the session. Shortly after the completion of each class, Anfeald will email the certificate to the email provided during registration. If you do not receive a certificate, and it has been less than five business days, please check your junk/spam folder and/or try one of the following two options:

1. You can [request that the system email you all your certificates](#) without logging in
2. You can [log into the certificate portal](#) to manage your own certificates, link them to social media, and perform other functions

If you have not received anything after seven business days, please email [Answers@Anfeald.com](mailto:Answers@Anfeald.com) with the name of the class, its date, and your employers name, and we will follow up with you.

## NEED ASSISTANCE BEFORE, DURING, OR AFTER CLASS?

If you have questions about logistics, start time, and other similar matters, please direct these inquiries to your employer.

## **SMS 711 SI SW SG FD – Hazardous Materials Management Best Practices**

If you need technical or other assistance during the course, please ask the instructor. If you need other assistance before or after the course, please email your questions to [Answers@Anfeald.com](mailto:Answers@Anfeald.com) and include the name of the course, its date, and your employer's name

## **PROTECT YOUR TEAM**



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