

What is HAZWOPER?

Personnel who handle or work with hazardous substances need effective training to protect themselves, their co-workers, and the public. One major standard designed to protect these workers is OSHA's Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard, found in 29 CFR 1910.120.

The graphics in this guide cover **two** common types of HAZWOPER training, and who needs each:

Training for emergency responders or HAZMAT teams who take corrective actions during or immediately after a release of a hazardous substance (i.e., a spill or a fire); and

Training for site cleanup workers who perform voluntary or government-mandated cleanup at sites where hazardous substances are present on the land, in the air, or in the groundwater and/or soil.

Both situations can potentially expose employees to hazardous substances that can negatively affect their health and well-being. Both situations require HAZWOPER training.

How to Choose the Right HAZWOPER Course

To choose the right **HAZWOPER training** for your personnel, this guide will help you answer the following questions:

- What kind of materials or chemicals are regulated as “hazardous substances”?
- What job responsibilities are covered by HAZWOPER Standard?
- How many hours or days of training and field experience are required for each employee?
- Where are the HAZWOPER regulations that apply to these personnel?

There is no such thing as a one-size-fits-all HAZWOPER training. Because they face different situations and hazards, emergency responders and site clean-up workers each need HAZWOPER training that covers their specific responsibilities.



What is a **hazardous substance**?

In the **HAZWOPER** regulations, OSHA defines a “hazardous substance” as:

1. Any substance defined under §103(14) of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (42 U.S.C. 9601).
2. Any biologic agent and other disease-causing agent that, after release into the environment and upon exposure, ingestion, inhalation, or assimilation into any person, either directly from the environment or indirectly by ingestion through food chains, will or may reasonably be anticipated to cause death, disease, behavioral abnormalities, cancer, genetic mutation, physiological malfunctions (including malfunctions in reproduction), or physical deformations in such persons or their offspring.
3. Any substance listed by the US Department of Transportation as a hazardous material under 49 CFR 172.101 and appendices.
4. Hazardous wastes as defined under RCRA at 40 CFR 261.3 or any waste that requires us of the Hazardous Waste Manifest.



Which **HAZWOPER** course is right for me?

EMERGENCY RESPONSE

Required for employees **who respond to hazardous substance releases**, wherever they happen. Emergency responders jump into action during a release to protect their co-workers and the environment from the hazards of the released material(s).

IF YOU...

AWARENESS

Level I



29 CFR 1910.120(q)(6)(i)

...evacuate and alert appropriate personnel when a release occurs.

**2 HOUR
AWARENESS
(OSH 308)**

OPERATIONS

Level II



29 CFR 1910.120(q)(6)(ii)

...cover drains, vents, or remotely shut down equipment, **but do not try to stop the release.**

**8 HOUR
INITIAL
(OSH 309)**

**4 HOUR
REFRESHER
(OSH 317)**

TECHNICIAN

Level III



29 CFR 1910.120(q)(iii)

...take **aggressive response** actions to plug, patch, or otherwise stop the release.

**24 HOUR
INITIAL**
Coming Soon

**8 HOUR
REFRESHER
(OSH 311)**

SPECIALIST

Level IV



29 CFR 1910.120(q)(iv)

...respond with technicians to stop the release, coordinate with responders, and need to be the **on-site material expert.**

**24 HOUR
INITIAL**
Coming Soon

Plus, additional specialist competencies (not covered by Lion)

INCIDENT COMMANDER

Level V



29 CFR 1910.120(q)(6)(v)

...assume control of the incident scene, and **oversee the entire response.**

**24 HOUR
INITIAL**
Coming Soon
+
**4 HOUR
(OSH 314)**

**8 HOUR
REFRESHER
(OSH 311)**
+
**4 HOUR
(OSH 314)**



Which **HAZWOPER** course is right for me?

SITE CLEANUP OPERATIONS

Required for **personnel who are involved in cleanup and remediation of contaminated sites**, known as “uncontrolled hazardous waste sites.”

IF YOU...

SITE WORKER



29 CFR 1910.120(e)(3)(i)

...handle materials at a cleanup site that may expose you to hazardous substances.

40 HOUR INITIAL
(OSH 307)

Plus, 3 days field experience with a trained supervisor.

8 HOUR REFRESHER
(OSH 305)

OCCASIONAL SITE WORKER



29 CFR 1910.120(e)(3)(ii)

...perform limited tasks at cleanup site (i.e. land surveyor) and only occasionally visit the site.

24 HOUR INITIAL
(OSH 306)

Plus, 1 day field experience with a trained supervisor.

8 HOUR REFRESHER
(OSH 305)

MANAGER/ SUPERVISOR



29 CFR 1910.120(e)(4)

...supervise site workers.

40 HOUR INITIAL
(OSH 307)
+
8 HOUR SUPERVISOR
(OSH 303)

Plus, 3 days field experience.

8 HOUR REFRESHER
(OSH 305)

ALREADY RECEIVED 24 HOUR TRAINING?

Upgrade your occasional site worker training to the 40 hour certification now!

16 HOUR UPGRADE
(OSH 304)

