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January 13, 2021

OESAC CEU Committee
PO Box 577
Canby, OR 97013-0577

To Whom It May Concern:

Enclosed is a course application for the following course:

- Confined Space Entry for Water Utilities Refresher (\$75)

If you need anything in addition to this application, let me know by emailing me at:
manderson@d2000safety.com

Best regards,

A handwritten signature in black ink that reads 'Mariah Anderson'.

Mariah Anderson
VP of Marketing
D2000 Safety, Inc.
(541) 359-4260
manderson@d2000safety.com

OESAC Course Application Form

OESAC CEU Committee • P. O. Box 577 • Canby, OR 97013-0577

Phone: (503)698-6486

Email: info@oesac.org • Web: <http://www.oesac.org>

Course title: Confined Space Entry for Water Utilities Refresher

Instructor(s): Jim Johnson

Location(s): Online - Webinar

Date(s): January 14, 2021

Requested CEUs (1 hour class time = .1 CEU; do not include time for breaks, lunch): .2

Does this course promote a product or apparatus or offer such to those attending? Yes No

If YES, this must be explained on a separate attachment to this application and disclosed

Has this course been through OESAC review before? Yes No

If Yes, CEUs approved: DW: _____ WW: _____ O2-I: _____ O2-SP: _____

Course Format: Lecture Home Study Computer One Time Class Recurring

Recurring Dates: _____

Training Objective: This course is designed to refresh the safety skills and knowledge of
workers assigned to enter permit spaces typically operated by water utilities

Target Audience: Portland Water Bureau Employees

Method of Tracking Attendance: OESAC Roster

Course contact name: Jen Eichler

Address: 2010 N. Interstate Avenue

City, State, Zip: Portland, Oregon 97227

Course contact phone: 503-823-6274

Course contact fax: 503-865-3263

Course contact email: jennifer.eichler@portlandoregon.gov

Sponsor: D2000 Safety, Inc.

Address: PO Box 2939

City, State, Zip: Eugene, OR 97402

Contact: Mariah Anderson

Sponsor phone: 541-359-4260

Sponsor fax: _____

Sponsor email: manderson@d2000safety.com

Enclosed: Instructor Biography Course Brochure
(check as appropriate) Course Agenda Amount enclosed: _____
Course Timeline Check #: _____

Do you want the course to be listed on the OESAC website as "closed to registration"? Yes No

If you want to list newly scheduled classes from an already approved course, you must send the new schedule to OESAC.



Safety and Rescue Training
for high-hazard work activities

**Confined Space
Fall Protection
Excavation
Forklift**

Confined Space Entry for Water Utilities Refresher

This course is designed to refresh the safety skills and knowledge of workers assigned to enter permit spaces typically operated by water utilities.

The curriculum is designed to meet OSHA regulations 29 CFR 1910.146, as well as state-specific requirements.

The class can be taught remotely.

Refresher training must reflect the actual needs of the students. Therefore the instructor may emphasize certain topics over others to meet these needs. In any case, this course will help ensure that the students are following best practices with respect to confined space entry.

Course Objectives

At the completion of this class, the students should be able to:

1. List the characteristics of a confined space and a permit space.
2. Describe the hazards that may be present in a permit space.
3. List the requirements of their location's permit space policies.
4. Understand the hazard information and follow the entry procedures referenced on an entry permit.
5. Properly use PPE required for entry.
6. Maintain communication between entrants, attendants and rescuers.
7. Follow emergency procedures.

Course Outline

- Accidents Within Confined Spaces
- Hazards of Permit Spaces
- Causes of Confined Space Deaths
- Entry Permits
- Responsibilities
- Isolation, Heat and Noise Hazards
- Atmospheric Hazards
- Gas Behavior in Confined Spaces
- Atmospheric Monitors
- Harness/Tripods
- Ventilators and Ventilation Techniques
- Emergencies
- Quiz

Our programs reflect:

ANSI/ASSE Z490.1 *Criteria for Accepted Practices in Safety, Health, and Environmental Training*





Confined Space

Confined Space Entry for Water Utilities Refresher

Course Timeline

The exact timing of this course will vary depending on the number of students in the class. However, the schedule below would be typical for this class.

1:30 - 3:30 pm

Introduction to Confined Space

Accidents Within Confined Spaces

Hazards of Permit Spaces

Causes of Confined Space Deaths

Entry Permits

Responsibilities

Isolation, Heat and Noise Hazards

Atmospheric Hazards

Gas Behavior in Confined Spaces

Atmospheric Monitors

Harness/Tripods

Ventilators and Ventilation Techniques

Emergencies

Quiz

Our programs reflect:

ANSI/ASSE Z490.1-2009 *Criteria for
Accepted Practices in Safety, Health,
and Environmental Training*





Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Confined Space Entry for Water Utilities Refresher

Presenter: Jim Johnson Title: Safety Trainer

Employer: D2000 Safety, Inc. Address: PO Box 2939

City: Eugene State: OR Zip: 97402 Phone: 541-915-3671

Summary of Lesson content: This course is designed to refresh the safety skills and knowledge of workers assigned to enter permit spaces typically operated by water utilities.

Professional Background: (Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: _____

Education (High School, Upgrades, Colleges and Degrees): _____

Professional Registration/Certification: _____

Related papers/instruction you have presented:

Title: _____ Date: _____ Event: _____

Title _____ Date: _____ Event: _____

Professional Organizations/Activities:

_____ Date: _____

_____ Date: _____

Course sponsor: D2000 Safety, Inc.

Signature of Instructor: _____ Date: 01/13/21

DO NOT WRITE BELOW THIS LINE

Date Evaluated: _____ By: _____ Approved: Yes _____ No _____

Return Completed Form To: OESAC CEU COMMITTEE
P.O. Box 577
Canby, OR 97013-0577
Email: info@oesac.org
Phone: 503-698-6486



Professional Experience

D2000 Safety, Inc. 2001 – Present

- Owner and Chief Executive Officer
- Instructional designer and trainer

Holbrook Communications 1996-2001

- Owner and C.E.O. Developed policy/procedures, training manuals and other technical documentation for a variety of clients.

D2000 Safety Solutions 1991 – 1996

- Manager of Technical Communications. Developed training and compliance tools for confined space and rescue programs.

Wilson Learning Company 1987-1991

- Consultant and instructional designer. Developed training programs for a variety of Fortune 500 clients.

Minneapolis Heart Institute Foundation 1985-1987

- Communication Coordinator responsible for marketing and educational materials.

Education / Certifications

OSHA Training Institute

- Instructor: Fall Protection 3110, 2008
- Fall Protection 3110, 2007
- Trenching and Excavation – 3010, 2007

Florida Institute of Technology

- B.S. Oceanographic Technology, 1980