The Standard

Topics include:

General:
Scope and Purpose
Application
Definitions

Identification and Evaluation
Non-Permit Confined Spaces
Permit-Required Confined Spaces
Atmospheric Testing
Entry Team
Isolation and Lockout/Tagout
Ventilation
Cleaning/Decontamination
Personal Protective Equipment
Auxiliary Equipment
Safety Signs and Symbols
Emergency Response, Evacuation and Rescue
Training of the CS Entry Team
Medical Suitability
Contractors and more...

ANSI/ASSE Z117.1-2016 and other national consensus standards may be ordered through:

American Society of Safety Engineers
520 North Northwest Highway
Park Ridge, IL 60068
Email: customerservice@asse.org
Website: www.asse.org

847-699-2929 – Monday thru Friday
(8:30 - 5:00 Central Standard Time)

www.asse.org/standards
ANSI/ASSE Z117.1-2016 Standards Development

This consensus standard is considered a revised standard.

How the standard was developed:

Forty-nine individuals from thirty-three organizations collaborated to revise and improve the 2009 version of the ANSI/ASSE-Z117.1 American National Standard “Safety Requirements for Entering Confined Spaces.”

The committee represents a broad cross-section of experts, industries and organizations:
- Academia / universities
- Professional societies
- Trade organizations
- Insurance industry
- Consultants
- Government agencies

Secretariat:


About the Standard

The standard provides minimum safety requirements to be followed while entering, exiting and working in confined spaces at ambient atmospheric pressure.

This standard is designed for voluntary application immediately upon the effective date: January 1, 2017.

Exceptions: The standard does not pertain to underground mining, tunneling, caisson work, intentionally inert confined spaces or other similar tasks that have established national consensus standards.

Additional resources and guidance have been developed for the Annex Section of the Standard, including:
- Logic Diagram for Confined Space Entry
- Standards and Other Referenced and Related Materials on the Subject of Confined Spaces
- Examples of Confined Space Surveys and Permits

Purpose of ANSI/ASSE Z117.1-2016:

The purpose of the Standard is to establish minimum requirements and procedures for the safety and health of employees who work in, and in connection with, confined spaces.

The standard is a performance standard, and as such, is not intended to replace existing specific standards and procedures, but rather to support those that meet the performance objectives defined in this standard. Z117.1-2016 also provides a listing of other established national consensus standards pertaining to confined space.

For additional information: review the ASSE Technical Briefs.

Also Available through ASSE: ANSI/ASSE A10.43-2016 Confined Spaces in Construction and Demolition Operations establishes minimum requirements for the safety and health of employees who work in, in conjunction with, and around confined spaces (in such proximity that would affect employees) on construction and demolition projects.