

Regulatory Compliance

Confined Spaces New Regulations

| Apr 13, 2017

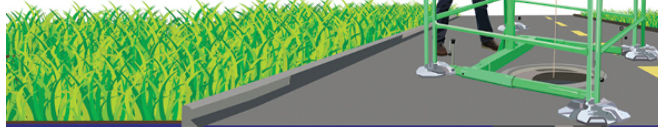
On May 4, 2015, OSHA issued a final rule that applies to all construction workers in confined spaces. This rule is known as Subpart AA of part 1926 of the Code of Federal Regulations. The effective date is October 2, 2015.



Fall Protection

Confined Spaces

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OSHA Standards requires the identification of

- Confined space
- Communication
- Permitting
- Specific duties
- Testing & evaluation of space

800

construction workers per year are estimated to be protected with the new rule.

Training **must** be provided to each employee whose work is covered by the new rule.

Employers determine

- Which space workers are in
- Which hazards exist
- What training is needed
- How to rescue workers

Employers shall evaluate a rescuer's ability to respond in a timely manner. **Every 12 months**, training should cover use of equipment, including practicing rescues.

Methods of communication



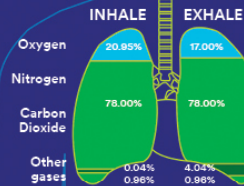
Breathing

The human breathing system requires a specific concentration of gas at set pressures.

Oxygen levels that are too high or too low can be very hazardous.

Maximum level **23.5%** can increase chance of fire or explosion.

Minimum level **19.5%** can result in death or asphyxiation.



Retrieval system requirements:

- Equipment that can become tangled or unsuitable for retrieval **must not** be used.
- Other end of retrieval line **must** be attached to mechanical device or fixed point outside the space.
- Each entrant **must** wear a chest or full-body harness, attached to a retrieval line.
- Non-entry rescue is **required** unless the retrieval equipment would increase the risk of entry.
- >5 ft.** Mechanical device **must** be available to retrieve personnel if the space is more than 5 ft. deep.

3M.com/FallProtection

* Confined Space Entry & Supervisor Course Manual, 3M Fall Protection Training Manual, 2015.
** OSHA Construction Industry Confined Space Electrical Safety and Electrical Safety Inspection, 3M Fall Protection Manual, 2015.
*** Occupational Safety and Health Administration Rules and Regulations: 1926.852 and 1926.853.

