

Regulatory Compliance

## Confined Spaces New Regulations

| Apr 13, 2017

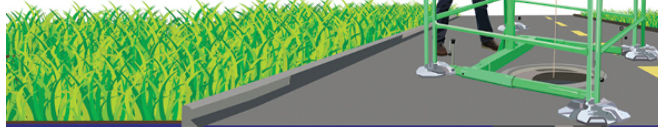
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Fall Protection

# 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



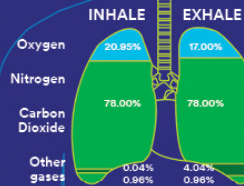
### Breathing

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](http://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.

