

# OSHA Compliance

## Confined Space Ventilation to Meet the Confined Spaces in Construction Standard 29 CFR 1926 subpart AA

### Summary of Confined Space In Construction Rule 29 CFR 1926 subpart AA:

OSHA is adding a new subpart to provide protections to employees working in confined spaces in construction. This new subpart replaces OSHA's one training requirement for confined space work with a comprehensive standard that includes a permit program designed to protect employees from exposure to many hazards associated with work in confined spaces, including atmospheric and physical hazards.

The final rule is similar in content and organization to the general industry confined spaces standard, but also incorporates several provisions from the proposed rule to address construction-specific hazards, accounts for advancements in technology, and improves enforceability of the requirements.

#### I've been following the general industry rule. What is new or different about the construction rule?

There are 5 key differences from the construction rule, and several areas where OSHA has clarified existing requirements.

#### The five new requirements include:

1. More detailed provisions requiring coordinated activities when there are multiple employers at the worksite. This will ensure hazards are not introduced into a confined space by workers performing tasks outside the space. An example would be a generator running near the entrance of a confined space causing a buildup of carbon monoxide within the space.
2. Requiring a competent person to evaluate the work site and identify confined spaces, including permit spaces.
3. Requiring continuous atmospheric monitoring whenever possible.
4. Requiring continuous monitoring of engulfment hazards. For example, when workers are performing work in a storm sewer, a storm upstream from the workers could cause flash flooding. An electronic sensor or observer posted upstream from the work site could alert workers in the space at the first sign of the hazard, giving the workers time to evacuate the space safely.
5. Allowing for the suspension of a permit, instead of cancellation, in the event of changes from the entry conditions list on the permit or an unexpected event requiring evacuation of the space. The space must be returned to the entry conditions listed on the permit before re-entry.

In addition, OSHA has added provisions to the new rule that clarifies existing requirements in the General Industry standard.

#### These include:

1. Requiring that employers who direct workers to enter a space without using a complete permit system prevent workers' exposure to physical hazards through elimination of the hazard or isolation methods such as lockout/tagout.
2. Requiring that employers who are relying on local emergency services for emergency services arrange for responders to give the employer advance notice if they will be unable to respond for a period of time (because they are responding to another emergency, attending department-wide training, etc.).
3. Requiring employers to provide training in a language and vocabulary that the worker understands.

Finally, several terms have been added to the definitions for the construction rule, such as "entry employer" to describe the employer who directs workers to enter a space, and "entry rescue", added to clarify the differences in the types of rescue employers can use.

<https://www.osha.gov/confined-spaces-construction>

### How Can Air Systems Assist in Meeting the Standard?

As an industry leader in confined space ventilation, we offer numerous ventilation blower and fan kits and the expertise to assist in controlling and stabilizing confined spaces.

## Standard Effective August 3, 2015



*Leading The Safety  
Industry Since 1984*

[www.AirSystems.com](http://www.AirSystems.com)

# OSHA Compliance

## Confined Space Ventilation to Meet the Confined Spaces in Construction Standard 29 CFR 1926 subpart AA

### Properly Ventilate Confined Spaces to Meet the OSHA Rule



#### 8" Axial Fan & Ventilation Kits

Item No.	Description
CVF-8AC	8" AC Axial Fan - 1/3 HP, 115 VAC, 60 Hz. CSA C/US Certified. CE Registered.
CVF-15ACAN	8" CVF-8AC axial fan, 15 foot duct canister
CVF-25ACAN	8" CVF-8AC axial fan, 25 foot duct canister
CVF8A15KIT	8" CVF-8AC axial fan, 6 foot duct with canister, 15 foot duct, Saddle Vent®, 90° elbow, and universal mount
CVF8A25KIT	8" CVF-8AC axial fan, 6 foot duct with canister, 25 foot duct, Saddle Vent®, 90° elbow, and universal mount

DC and Explosion-Proof Versions Available



#### 12" Axial Fan and Canisters

Item No.	Description
CVF-12AC	12" AC Axial Fan - 1 HP, 115 VAC, 50/60 Hz, GFCI plug. CSA C/US Certified. CE Registered.
CVF12CAN15	12" CVF-12AC axial fan with 15 foot duct canister
CVF12CAN25	12" CVF-12AC axial fan with 25 foot duct canister
SV-18912-O	12" Industrial Saddle Vent® - orange
SV-UM	Universal Saddle Vent® mounting bracket

#### Applications:

- Manholes
- Crawl Spaces and Attics
- Sewer Systems & Storm Drains
- Tanks
- Boilers
- Pits
- Excavations
- Incinerators
- Concrete Pier Columns
- Water Mains
- Cesspools
- Transformer Vaults
- Silos
- Air Receivers
- Step Up Transformers
- Turbines
- Elevator Shafts
- Heating, Ventilating, and Air-conditioning (HVAC) Ducts

See Master Catalog for Full Confined Space Ventilation Product Line



**Air Systems International, Inc.**

Email: [sales@airsystems.com](mailto:sales@airsystems.com)

Catalog Request: [catalog@airsystems.com](mailto:catalog@airsystems.com)

**The Industry Leader in Breathing Air Filtration & Portable Ventilation**