OSHA Training Toolbox Talk: Cutting, Welding, & Compressed Gas Safety – Transporting Cylinders

[Reference: 1910.253 / 1926.350]

Here are a few tips to avoid an accident that can cause an injury or damage a compressed gas cylinder while it is being handled or transported. Keep in mind that most of these rules apply even if the gas cylinder is empty:

- When handling compressed gas cylinders, make certain your hands are free of grease, oil, or other slippery substances that could cause you to lose your grip.
- Unless compressed gas cylinders are secured on a rolling torch cart or similar device specifically designed for movement of compressed gas cylinders in use, regulators shall be removed from gas cylinders and their valve protection caps shall be re-installed prior to their being moved.
- When manually moving a compressed gas cylinder, never drag it or lay it on its side and roll it across the floor or other surface. Instead, tilt the cylinder towards you slightly from a vertical position, then slowly spin it at the top so it rolls on its bottom edge across the floor.
- When transporting cylinders by a crane or derrick, always use an approved cradle, specially designed cylinder lifting sling, or suitable platform approved for that purpose. Regular lifting slings or electric magnets shall not be used for this purpose.
- Never lift and move a compressed gas cylinder from one vertical position to another by placing a hook or similar lifting device into the valve-protection cap.
- When cylinders are transported by powered vehicles, they shall always be secured in a vertical position.
- Ask someone to assist you when manually lifting a heavy compressed gas cylinder.
- Cylinders shall not be intentionally dropped, struck, or permitted to strike each other violently while being handled.
- If you discover that a compressed gas cylinder is damaged before or during transport, notify your supervisor or safety manager immediately, even if it is empty. Damaged or defective cylinders shall never be left in an area where they are available for use.

By adhering to these simple precautions while transporting compressed gas cylinders, we can help prevent accidents with the potential for a devastating fire or explosion, and also avoid inflicting injuries or death.

Are there any other safety tips you'd like to share for safely transporting compressed gas cylinders? Thank you for participating in today's toolbox talk. Please make sure you sign the training certification form to get credit for attending today's training session.

OSHA SAFETY TRAINING CERTIFICATION FORM

Toolbox Topic Covered: Cutting, Welding, & Compressed Gas Safety – Transporting Cylinders

Company Name: _____ Date: _____

Training led by: _____

PRINT NAME	SIGNATURE
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____