



## COMPRESSED GAS CYLINDERS TOOLBOX TALKS

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|------------------------|--|
| Project Name:          |  |
| Company Name:          |  |
| Client/Sub-Contractor: |  |
| Date:                  |  |

### Hazards

1. Inert gas can rapidly replace oxygen in confined spaces, causing loss of consciousness or death to anyone in those areas
2. Flammable gas can ignite and burn rapidly.
3. A compressed gas cylinder can turn into a missile if the valve has deteriorated.
4. Compressed gas can cause a pipe or vessel to explode.
5. When directed at a person, compressed gas or oxygen can embed particles in the eye and skin.
6. Never take compressed gas cylinders into vessels or confined spaces.
7. Always remove torches and hoses from confined spaces when not in use.
8. Continuously and adequately ventilate confined space where inert welding gases are used.
9. Make dry chemical fire extinguishers readily available for fire emergencies.
10. No Smoking Rules must be enforced near places where compressed flammable gas is used and stored.
11. Protect cylinders and hoses from sparks and slag.
12. Never permit oil, grease, or other lubricants to contact gas cylinders, valves, regulators, hoses, or fittings.
13. Keep valve protection caps on cylinders valve at all times except when cylinders are connected to regulators.
14. Never move uncapped cylinders.
15. Move and secure cylinders in an upright position.
16. Never use compressed gas or oxygen for cleaning anything, including skin or cloth.
17. Store flammable and non-flammable Cylinders separately. The compressed gas cylinders should be kept securely at least 20 feet apart or have a 5-foot barrier with a 1-hour fire rating.

### TROLLEY FOR GAS CYLINDERS

Empty cylinders are required to be marked. Proper labeling would ensure that empty cylinders are never mistaken as full.

### Remember:

Fuel/oxygen rings should be depressurized and torch equipment to be disconnected when the equipment is not in use for an extended period in any shift and at the end of each shift.

### CYLINDERS SHOULD BE PROVIDED WITH A CAP AND UPRIGHT POSITION

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|---------------|--|
| Conducted By: |  |
| Signatures:   |  |



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