

2018

LIFE SAVING RULES

Toolbox Talk
Confined Space



ENERGY
SAFETY
CANADA

SETTING THE STANDARD IN OIL AND GAS SAFETY

OUTLINE

- 10 Life Saving Rules
- Description of Confined Space Rule
- Additional Guidance
- Roles & Responsibilities
- Example Violations
- Related Life Saving Rules
- Summary



ENERGY SAFETY CANADA'S 10 LIFE SAVING RULES



CONFINED SPACE



WORKING AT HEIGHT



WORK AUTHORIZATION



ENERGY ISOLATION



LINE OF FIRE



BYPASSING SAFETY CONTROLS



DRIVING



HOT WORK



SAFE MECHANICAL LIFTING



FIT FOR DUTY

CONFINED SPACE RULE

- Obtain authorization before entering a confined space
 - I confirm energy sources are isolated
 - I confirm the atmosphere has been tested and is monitored
 - I check and use my breathing apparatus when required
 - I confirm there is an attendant standing by
 - I confirm a rescue plan is in place
 - I obtain authorization to enter



ADDITIONAL GUIDANCE

- What is an **energy source**?
 - Energy sources may be pneumatic, hydraulic, mechanical, gravitational, chemical, electrical, nuclear, thermal or any other energy that could cause injury
- How is “**entry**” defined?
 - Entry into a confined space includes the worker’s body entering the space or the worker’s head crossing the plane of the confined space access

AS A SUPERVISOR

- I ensure confined spaces are identified and workers are competent
- I ensure a hazard assessment is conducted
- I ensure energy sources are isolated
- I ensure an adequate emergency rescue plan is in place

AS AN ATTENDANT

- I have the required training and knowledge to safely perform work
- I control access to the confined space
- I conduct atmosphere testing and monitoring using appropriate equipment that includes, at a minimum, combustible gas, oxygen, H₂S and carbon monoxide and may include, but not limited to, benzene and other hydrocarbons, sulphur dioxide etc. depending on the hazard assessment
- I understand how to initiate and notify rescue personnel and/or initiate an evacuation as necessary

AS A WORKER

- I have the required training and knowledge to safely perform work
- I confirm the breathing apparatus is appropriate based on the work permit, hazard assessment or work procedure
- I confirm an attendant is standing by and I am authorized to enter

EXAMPLE VIOLATIONS

- The supervisor does not confirm energy sources are isolated prior to entry by a worker
- Testing and monitoring of the atmosphere is not conducted or confirmed prior to entry as per the work permit, hazard assessment or work procedure
- Breathing apparatus is not inspected prior to donning
- A confined space is entered without wearing the required breathing apparatus
- A confined space is entered without first obtaining authorization from the attendant
- A confined space is entered when no attendant is present
- A rescue plan is not in place

RELATED LIFE SAVING RULES



**WORK
AUTHORIZATION**



**ENERGY
ISOLATION**



**LINE OF
FIRE**



**BYPASSING
SAFETY
CONTROLS**



**HOT
WORK**



**FIT FOR
DUTY**

SUMMARY

- Know your role and responsibilities in relation to the Confined Space rule
- Notify your supervisor immediately if you are unsure about how to comply with this rule in your work environment
- If you see a potential violation of the Confined Space rule, intervene – it could be the last chance to prevent a fatality
- Consistent application of the Life Saving Rules equates to saved lives
- These rules are essential to achieving industry's shared vision: zero injuries, zero incidents

QUESTIONS?