

2018

# LIFE SAVING RULES

Toolbox Talk  
Confined Space



SETTING THE STANDARD IN OIL AND GAS SAFETY

ENERGY  
SAFETY  
CANADA

# OUTLINE

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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

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- ▶ 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, H<sub>2</sub>S 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

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- ▶ 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

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- ▶ 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**



**BYPASSING  
SAFETY  
CONTROLS**



**FIT FOR DUTY**



**ENERGY  
ISOLATION**



**LINE OF FIRE**



**HOT WORK**

## SUMMARY

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- ▶ 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?**