

2018

# LIFE SAVING RULES

Toolbox Talk  
Line of Fire

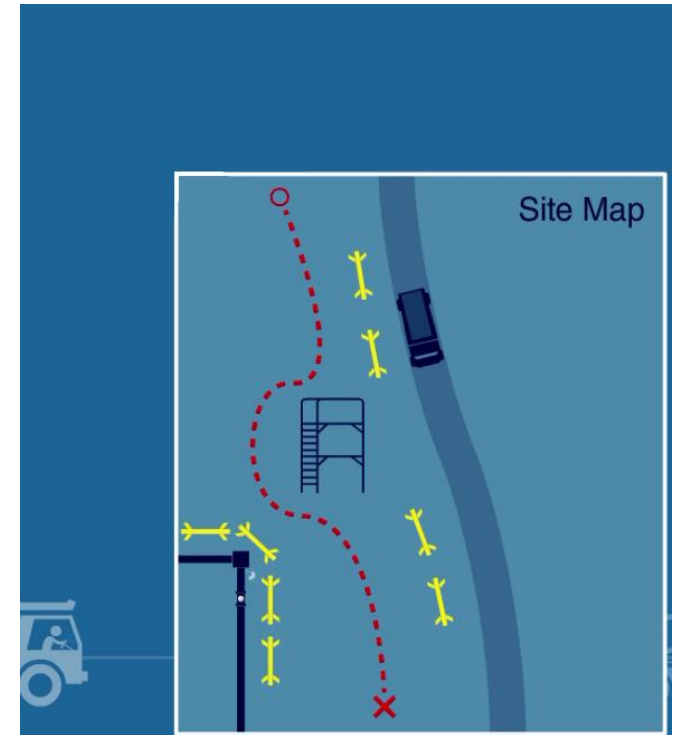


ENERGY  
SAFETY  
CANADA

SETTING THE STANDARD IN OIL AND GAS SAFETY

## OUTLINE

- 10 Life Saving Rules
- Description of Line of Fire Rule
- 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**

## LINE OF FIRE RULE

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- Keep yourself and others out of the line of fire
  - I position myself to avoid:
    - Moving objects
    - Vehicles
    - Pressure releases
    - Dropped objects
  - I establish and obey barriers and exclusion zones
  - I take action to secure loose objects and report potential dropped objects



## AS A SUPERVISOR

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- I ensure I have identified and controlled all line of fire hazards and associated risks
- I ensure workers are competent in line of fire hazard assessment and control
- I ensure line of fire, barriers and exclusion zones are incorporated into work permits, hazard assessments and work procedures
- I correct any unsafe conditions where workers are in the line of fire as dictated by equipment design, and seek engineering support to remedy

## AS A WORKER

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- I have the required training and knowledge to safely perform work
- I position myself to avoid moving objects, vehicles, pressure releases and dropped objects
- I adhere to barriers and exclusion zones identified in work permits, hazard assessments and work procedures
- I identify any unsafe conditions where I am in the line of fire as dictated by equipment design and notify my supervisor

## AS A WORKER - CONTINUED

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- I ensure my vehicle is secured (in park, emergency brake on, wheels chocked, etc. as appropriate) to prevent a line of fire hazard
- I secure hand tools and materials to prevent dropped objects
- I take action when I or someone else is in an unsafe position relative to line of fire or dropped object hazards
- I report to my supervisor potential line of fire and dropped object hazards

## EXAMPLE VIOLATIONS

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- Line of fire hazards are not assessed and mitigated as part of the work permit, hazard assessment or work procedures
- Barriers and exclusion zones are ignored
- Sufficient remedial action is not taken when equipment design which puts personnel in the line of fire is identified
- Hand tools and other equipment are not secured to prevent dropped objects
- Action is not taken when line of fire or potential dropped objects are identified



# RELATED LIFE SAVING RULES



**WORKING AT  
HEIGHT**



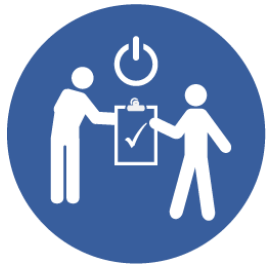
**WORK  
AUTHORIZATION**



**ENERGY  
ISOLATION**



**FIT FOR  
DUTY**



**BYPASSING  
SAFETY  
CONTROLS**



**DRIVING**



**SAFE  
MECHANICAL  
LIFTING**

## SUMMARY

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- Know your role and responsibilities in relation to the Line of Fire 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 Line of Fire 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?