

2018

LIFE SAVING RULES

Toolbox Talk

Line of Fire

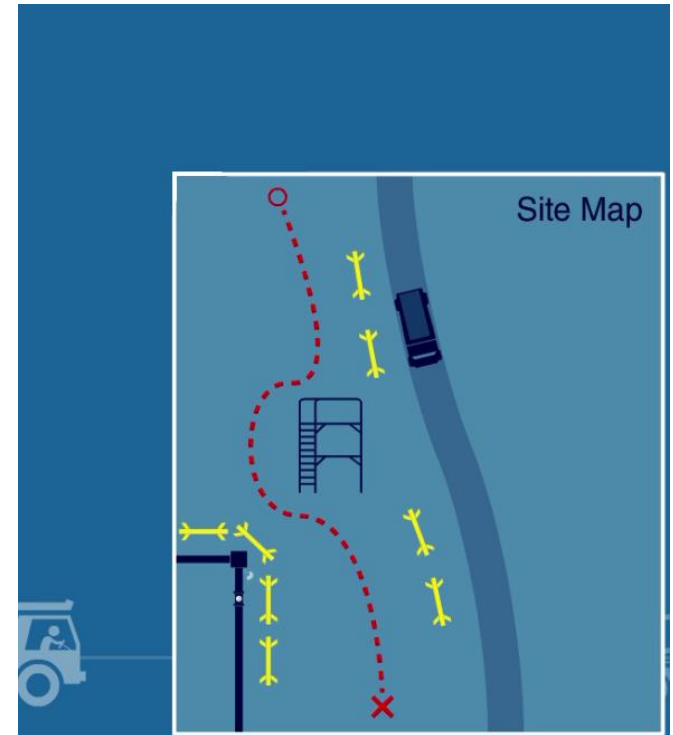


SETTING THE STANDARD IN OIL AND GAS SAFETY

ENERGY
SAFETY
CANADA

OUTLINE

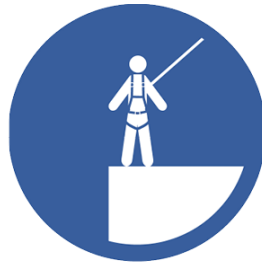
- ▶ 10 Life Saving Rules
- ▶ Description of Line of Fire Rule
- ▶ Roles & Responsibilities
- ▶ Example Violations
- ▶ Related Life Saving Rules
- ▶ Summary



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

- ▶ 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

- ▶ 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

- ▶ 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

- ▶ 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

- ▶ 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



DRIVING



**WORKING AT
HEIGHT**



**ENERGY
ISOLATION**



FIT FOR DUTY



**BYPASSING
SAFETY
CONTROLS**



**WORK
AUTHORIZATION**



**SAFE
MECHANICAL
LIFTING**

SUMMARY

- ▶ 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?