2018

LIFE SAVING RULES

Toolbox Talk

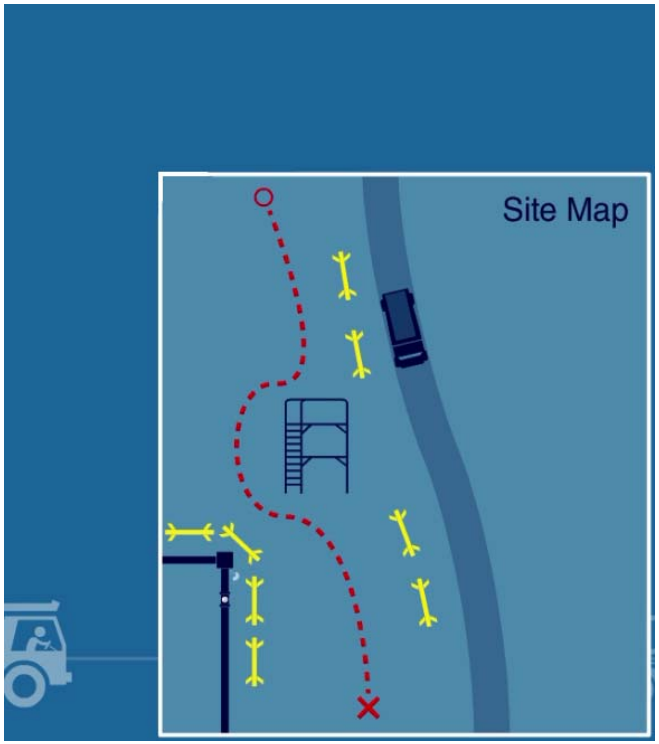
Line of Fire

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

ENERGY SAFETY CANADA'S 10 LIFE SAVING RULES

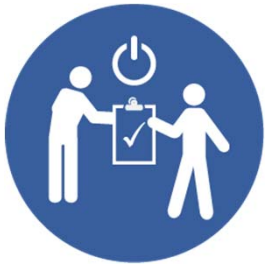
CONFINED SPACE

WORKING AT HEIGHT

WORK AUTHORIZATION

ENERGY ISOLATION

LINE OF FIRE



BYPASSING SAFETY CONTROLS

DRIVING

HOT WORK

SAFE MECHANICAL LIFTING

FIT FOR DUTY

ENERGY SAFETY CANADA

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

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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

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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

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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

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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

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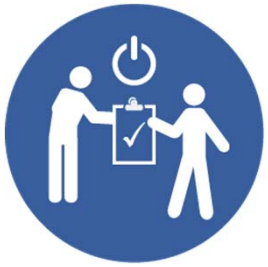
RELATED LIFE SAVING RULES

WORKING AT HEIGHT

WORK AUTHORIZATION

ENERGY ISOLATION

FIT FOR DUTY



BYPASSING SAFETY CONTROLS

DRIVING

SAFE MECHANICAL LIFTING

ENERGY SAFETY CANADA

SUMMARY

- Know your role and responsibilities in relation to the Line of Fire rule
- Notify your supervisor immediately if your 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

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QUESTIONS?

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