



TransCanada's Life Saving Rules

Overview

TransCanada's Life Saving Rules – Why?

- Response to the high consequence/high severity incidents TransCanada and our contractors have experienced over the last 3 years
- Complements existing safety program by highlighting the mandatory procedures we have in place to control our highest hazards
- A clear safety communication tool for us to share with our employees and contractors at all levels
- Recommendation from our contractors through the Contractor Quality and Safety forum
- Recognized by contracted workforce as a baseline of expectations set by major oil and gas organizations
- A tangible enhancement that strengthens our safety culture

TransCanada's Life Saving Rules – Expectations

- The 'Life Saving Rules' will be strictly enforced to ensure the safety of our employees, contractors and stakeholders
- TransCanada leadership are accountable for communicating, training, implementing, and auditing these rules to assure compliance and performance
- Anyone found knowingly violating a rule will be subject to disciplinary action up to and including termination of employment
- Adherence to the 'Life Saving Rules' and all safety policies, processes and procedures is an obligation for all personnel



TransCanada's Life Saving Rules - Summary

Life Saving Rules Commitment Statement:

“As a TransCanada employee or contractor performing work on behalf of TransCanada, I will adhere to the Life Saving Rules and all company procedures to ensure the safe operation of facilities, the protection of personnel, our environment, our customers and the people of the communities in which we do business”

The Life Saving Rules:

1. We will drive safely and without distraction
2. We will use the appropriate Personal Protective Equipment
3. We will conduct a pre Job Safety Analysis (JSA)
4. We will work with a valid work permit when required
5. We will obtain authorization before entering a confined space
6. We will verify isolation before work begins
7. We will protect ourselves against a fall when working at heights
8. We will follow prescribed lift plans and techniques
9. We will control excavations and ground disturbances



TransCanada's Life Saving Rules

1. We will drive safely and without distraction

- Wear your seat belt
- While Driving do not use your phone and do not exceed speed limits
- Follow prescribed journey management plans and do not exceed speed limits

Reference

- Motor Vehicle Operation Standard
- Driver Situational Awareness
- Know When to Go
- Fleet Safety Policy
- Business Travel Policy

2. We will use the appropriate Personal Protective Equipment

- Identify and select required Personal Protective Equipment before performing work
- Maintain and inspect all Personal Protective Equipment
- Wear all required Personal Protective Equipment when performing work

Reference

- Personal Protective Equipment Policy
- Respiratory Protective Equipment Program
- Hearing Conservation Program

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3. We will conduct a pre Job Safety Analysis (JSA)

- Identify hazards associated with a job or task
- Develop control measures for each hazard identified
- All affected workers will review and sign the JSA

Reference

- Job Safety Analysis Procedure
- Pre Job Planning Procedure
- Pre Job Form
- Tailgate Form

4. We will work with a valid work permit when required

- Determine what permit(s) are required for the work
- Identify all site hazards and establish control measures to eliminate or mitigate hazards
- Complete, authorize and communicate permits prior to commencing work

Reference

- General Work Permit
- Hot Work Permit
- Confined Space Entry Permit
- Elevated Work Permit
- Electrical Work Arc Flash Protection Permit

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5. We will obtain authorization before entering a confined space

- Identify and assess confined spaces prior to entry
- Complete required training and understand the hazards and controls before entering a confined space
- Ensure rescue services are in place prior to entering a confined space

Reference

- Confined Space Entry Procedure
- Confined Space Entry Permit
- Portable Gas Detection of the Atmosphere

6. We will verify isolation before work begins

- Identify and control all hazardous energy sources
- Develop an Energy Isolation Plan and communicate to all affected workers
- Verify and confirm, by test, that the machine or equipment cannot start, move, or become energized

Reference

- Lockout and Tagout Procedure
- Lockout and Tagout Energy Isolation Plan Form
- Lock Removal Notification Form

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7. We will protect ourselves against a fall when working at heights

- Confirm fall mitigation measures are in place and communicated to all workers performing work at heights
- Inspect all protective equipment prior to use (including scaffolding and ladders)
- Secure all tools and equipment while working at heights

Reference

- Fall Protection Procedure
- Fall Arrest Anchor Procedure
- Fall Arrest Anchor Point Assessment Form
- Elevated Work Permit

8. We will follow prescribed lift plans and techniques

- Identify a coordinator for all hoisting, lifting, winching and towing operations
- Inspect all lifting equipment prior to commencing the lifting operation
- Never hoist or lift loads directly overhead of personnel

Reference

- Hoisting Lifting Towing and Winching Procedure
- Critical Pre Lift Check Sheet

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9. We will control excavations and ground disturbances

- Identify, locate and mark all underground facilities prior to excavating
- Maintain minimum clearance between the equipment and the underground facility. Do not contact any underground facility with mechanical excavation equipment
- Inspect all excavations prior to personnel entering the excavation

Reference

- Excavation Procedure
- Excavation Inspection Form
- Excavation Procedure Checklist