

2018

LIFE SAVING RULES

Toolbox Talk

Bypassing Safety Controls

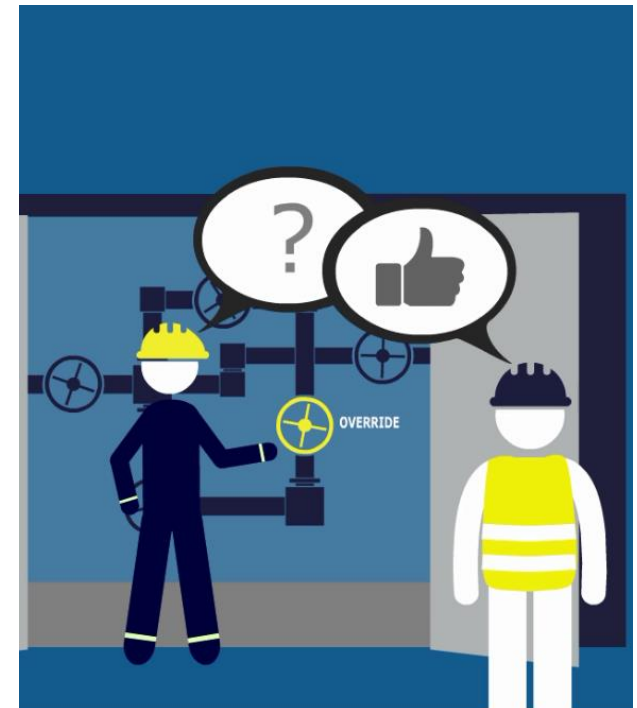


SETTING THE STANDARD IN OIL AND GAS SAFETY

ENERGY
SAFETY
CANADA

OUTLINE

- ▶ 10 Life Saving Rules
- ▶ Description of Bypassing Safety Controls 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

BYPASSING SAFETY CONTROLS RULE

- ▶ Obtain authorization before overriding or disabling safety controls
 - ▶ I understand and use safety-critical equipment and procedures which apply to my task
 - ▶ I obtain authorization before:
 - ▶ Disabling or overriding safety equipment
 - ▶ Deviating from procedures
 - ▶ Crossing a barrier

ADDITIONAL GUIDANCE

- ▶ Safety-critical equipment **must work correctly** to keep you safe
- ▶ Examples of **safety critical equipment** include:
 - ▶ Isolation devices
 - ▶ Relief valves
 - ▶ Emergency shutdown devices (ESD)
 - ▶ Lock-out/tag-out devices
 - ▶ Fire and gas detection controls
 - ▶ Emergency breathing apparatus (SCBA)
 - ▶ In-vehicle monitoring systems
 - ▶ Electronic logging device (ELD)
- ▶ **Safety critical procedures** must be followed
- ▶ **Drug and alcohol test** equipment and procedures are defined as safety critical

AS A SUPERVISOR

- ▶ I ensure safety critical equipment and procedures are identified and communicated to workers
- ▶ I ensure workers are competent in the use and limitations of safety critical equipment and procedures
- ▶ I confirm all proper authorizations are obtained

AS A WORKER

- ▶ I have the required training and knowledge to safely perform work
- ▶ I obtain authorization from my supervisor or the person in charge if required to override or disable a safety critical control
- ▶ I stop work and notify my supervisor if a procedural deviation is required
- ▶ I do not cross barriers or exclusion zones

EXAMPLE VIOLATIONS

- ▶ Safety critical procedures are not followed
- ▶ Intentionally exceeding safe operating design limits for process equipment
- ▶ An ESD is bypassed without authorization
- ▶ Someone else's lock is removed without authorization
- ▶ Gas or fire detection are bypassed without authorization

EXAMPLE VIOLATIONS - CONTINUED

- ▶ Gas detection is not worn or is not turned on as per the work permit, hazard assessment or work procedures
- ▶ Gas detection alarms are ignored
- ▶ Emergency SCBA is used for routine work
- ▶ Tampering of in-vehicle monitoring systems
- ▶ Defeating a drug or alcohol test
- ▶ A barrier or exclusion zone is ignored

RELATED LIFE SAVING RULES



**WORK
AUTHORIZATION**



**ENERGY
ISOLATION**



LINE OF FIRE



DRIVING



HOT WORK



FIT FOR DUTY

SUMMARY

- ▶ Know your role and responsibilities in relation to the Bypassing Safety Controls 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 Bypassing Safety 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?