LIFE SAVING RULES
Toolbox Talk
Safe Mechanical Lifting

SETTING THE STANDARD IN OIL AND GAS SAFETY
OUTLINE

• 10 Life Saving Rules
• Description of Safe Mechanical Lifting Rule
• Additional Guidance
• Roles & Responsibilities
• Example Violations
• Related Life Saving Rules
• Summary
SAFE MECHANICAL LIFTING RULE

- Plan lifting operations and control the area
  - I confirm that the equipment and load have inspected and are fit for purpose
  - I only operate equipment that I am qualified to use
  - I establish and obey barriers and exclusion zones
  - I never walk under a suspended load
ADDITIONAL GUIDANCE

• Safe mechanical lifting applies to any equipment or loads that are lifted by mechanical means.

• A suspended load is an object that is temporarily lifted and hangs above the ground. This applies to equipment and loads that have not been designed for workers to be beneath it during operation.

• A lift plan identifies the weights and dimensions, how the lift will progress, communication requirements (signal personnel), and weather and ground conditions.

• Line of fire is a significant risk with overhead loads and moving equipment.
AS A SUPERVISOR

• I ensure workers are competent to operate the mechanical lift
• I ensure a lift plan is in place and that workers follow the plan
• I ensure barriers and exclusion zones are established, communicated and adhered to by site personnel
AS A WORKER

- I have the required training and knowledge to safely perform work
- I ensure I am fit for duty
- I follow the lift plan
- I inspect the lifting equipment and adhere to all certification requirements
AS A WORKER - CONTINUED

- I confirm the lift equipment is fit for purpose and I operate the lifting equipment below its working load limits
- I ensure line of fire hazards in relation to overhead power lines are identified, marked, and a safe distance is maintained
- I use tag lines to position suspended loads
- I adhere to barriers and exclusion zones
EXAMPLE VIOLATIONS

- The lift operator is not competent to conduct the lift, but does so anyway
- The lift operator is not fit for duty, but conducts the lift anyway
- A lift is conducted without a lift plan
- The lift equipment and load are not inspected prior to the lift
- The lift is conducted with equipment that does not have the proper certifications
EXAMPLE VIOLATIONS - CONTINUED

• A lift is conducted beyond its working load limits
• A safe distance is not maintained from overhead powerlines
• The load is positioned using worker’s hands instead of tag lines, putting the workers under the suspended load
• Barriers and exclusion zones are not established
RELATED LIFE SAVING RULES

WORKING AT HEIGHT

WORK AUTHORIZATION

LINE OF FIRE

DRIVING

FIT FOR DUTY
SUMMARY

- Know your role and responsibilities in relation to the Safe Mechanical Lifting 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 Safe Mechanical Lifting 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?