

R2LB

RULES TO LIVE BY



ENERGY ISOLATION



**BYPASSING SAFETY-CRITICAL
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SAFE WORK PERMITS



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- All work tasks requiring a Safe Work Permit must be clearly understood and followed by employees working under the requirements of the permit.
- All persons authorizing Safe Work Permits will be trained on required permitting procedures and processes.
- No supervisor shall authorize or direct any person to perform work requiring a Safe Work Permit without first obtaining one.

PURPOSE

- To provide a structured means for personnel to communicate as a team when considering the potential hazards involved in a specific task; and the means to eliminate or minimize those hazards prior to starting work.

HOW (TO ACCOMPLISH)

- Follow area-specific procedures and obtain authorization from a qualified person.
- Tasks requiring Safe Work Permits will include but are not limited to:
 - Hot Work – refer to PNR Health and Safety Standard “Hot Work Hot Tapping”
 - Confined Space Entry – refer to PNR Health and Safety Standard “Confined Space Entry”
 - Right to Work – refer to PNR Health and Safety Standard “Right to Work Permit”

BY-PASSING SAFETY-CRITICAL EQUIPMENT



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- All safety critical equipment in the workplace must be identified.
- No person shall bypass any safety critical equipment without proper authorization to do so.
- No supervisor shall authorize or direct any person to bypass safety critical equipment without observing requirements outlined in PNR Health and Safety Standard “Bypassing Safety Critical Equipment.”

PURPOSE

- To prevent serious injury to personnel, damage to equipment, and interruption of business.

HOW (TO ACCOMPLISH)

- Follow PNR Health and Safety Standard “Bypassing Safety Critical Equipment.”
- Maintain effective lines of communication with all affected personnel during bypassing process.

WHERE (IDENTIFIABLE)

- Safety-critical equipment includes but is not limited to:
 - Emergency Shut Down Devices
 - Pressure Relief Devices
 - Blow Out Preventers
 - Crane Computers
 - Fire and Gas Alarms
 - Critical Controls and Alarms
 - Vehicle Monitoring Systems

CONFINED SPACE ENTRY



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- No person shall enter a confined space except:
 - Employees who have been specifically trained on the proper procedure(s) for entering a Confined Space; or
 - Approved contractors who are qualified to enter Confined Spaces.
- No supervisor shall authorize or direct an unqualified person to enter a confined space, under any circumstance.

PURPOSE

- To ensure employee safety when confined space entry is necessary.

HOW (TO ACCOMPLISH)

- Follow PNR Health and Safety Standard “Confined Space Entry.”

WHERE (IDENTIFIABLE)

- Confined spaces may include, but are not limited to:
 - Stationary or mobile tanks and vessels.
 - Plant or field equipment that a person can bodily enter.
 - Excavations or pits.

ENERGY ISOLATION



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- No person shall perform work that requires isolation of hazardous energy without following proper energy isolation requirements.
- No person shall work on energized equipment without proper qualification and appropriate protective equipment.
- No supervisor shall authorize or direct any person to perform work on energized equipment without observing proper energy isolation requirements.

PURPOSE

- To ensure control of ALL hazardous energy sources during construction, maintenance, and servicing of machinery or equipment.
 - Types of hazardous energy include: Electrical, Pressurized Liquids and Gases, Mechanical, Hydraulic, Pneumatic, Residual Stored, Chemical, Thermal, Gravitational, and Nuclear.

HOW (TO ACCOMPLISH)

- Follow PNR Health Safety Standard “Energy Isolation.”
- Follow Equipment Specific Energy Isolation Procedures (ESEIPs) to accomplish this task.

FALL OR ELEVATED WORK SAFETY



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- Any worker exposed to a fall from a work surface (an open-sided platform, floor, balcony, etc.) that is four feet above the ground or the next lower level, are required to use some form of qualified fall protection system.
- Any worker exposed to overhead hazards must be properly protected from the hazards.

PURPOSE

- To ensure all personnel are protected from falls and fall hazards.

HOW (TO ACCOMPLISH)

- Follow PNR Health and Safety Standard “Fall or Elevated Work Safety”.
- Follow area-specific procedures and utilize proper tools and protective equipment needed to safely complete the task.

EXCAVATION AND TRENCHING



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- Work involving an excavation or trench will only be allowed after a formal site evaluation has been conducted (including one call), work permits have been obtained (if necessary), and soil has been classified.
- Prior to entering any excavation or trench, soil movement must be controlled to prevent collapse, and ground stability revalidated after adverse weather conditions.

PURPOSE

- To ensure all personnel are protected while working in or around excavations and trenches.

HOW (TO ACCOMPLISH)

- Follow PNR Health and Safety Standard “Excavation and Trenching”.
- Excavation and trenching operations shall only be performed by properly trained personnel, and will require the authorization and oversight of a qualified person.

DRIVING SAFETY



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- Seat belts must be worn at all times by all persons.
- Hands-free cell phone use only while driving.
- NO texting or emailing while driving.
- Employees who drive a vehicle on company business must take a PNR approved defensive driving course.

PURPOSE

- To ensure the safe use of motor vehicles in connection with work related activities.

HOW (TO ACCOMPLISH)

- Follow PNR Health and Safety Standard “Driving Safety.”
- Maintain a high degree of alertness and awareness while operating a motor vehicle.