

KEMIRA SAFETY – LIFE SAVING RULES



Stop When the Work is Unsafe

Empower every individual to halt unsafe acts or conditions.

- All workers have stop-work responsibility & authority.
- No retaliation for use.
- Unsafe acts must be challenged—never ignored.



Line of Fire

Keep yourself and others from positioning in the path of moving equipment (objects), loads, or stored energy, opening of lines.

- Identify line-of-fire risks in RAMS/JHA.
- Establish exclusion zones.
- Prohibit body placement in risk zones.



Permit to Work (PTW)

Ensure hazardous work is controlled through formal authorisation and site verification.

- 4-Eye principle applied for all permits.
- Worksite inspection conducted by authorisers before approval and execution.
- Permit must be displayed at the job site.
- Permit linked to Job Hazard Analysis / Risk Assessment Method Statement.
- All permits must be closed out on conclusion.



Confined Space Entry

Obtain all authorization before entering a confined space.

- Permit to Work + continuous gas monitoring + energy sources are isolated.
- Trained entrant/attendant/rescue team and plan is in place.
- No entry without authorisation.
- All confined spaces identified and labelled.



Hot Work

Prevent fire and explosions from sparks, flames, and heat.

- Hot Work PTW required.
- Control ignition sources and flammable material has been removed or isolated.
- Fire watch is present and proper equipment (extinguishers, fire blanket).
- Strict adherence to ATEX zoning/Area electrical classification requirements.



Working at height

Protect yourself from a fall when working at height.

- Permit to work.
- Fall protection equipment required when working >1.5 m and inspected before use.
- Tie off 100% to certified anchor points while outside a protected area.
- Rescue plan and exclusion zone in place.



Line Breaking

Prior to any line-breaking, the line content must be evaluated and completely isolated, the contents rinsed/flushed, and appropriate personal protective equipment worn.

- PTW required for all line-breaking activities, with appropriate PPE worn at all times.
- Line must be fully isolated, drained, and depressurised before breaking.
- Hazardous contents must be identified, rinsed/flushed, or neutralised.
- Only trained and authorised personnel may perform line breaking.



Energy Isolation (LOTOTO)

Energized equipment must be locked, tagged, and tried to ensure a zero-energy state prior to working on equipment.

- Permit to Work required.
- Lockout / Tagout / Try out (LOTOTO) is mandatory before work.
- Only trained and authorised isolators may perform isolations.
- Verification of zero-energy state before work begins.

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Working with Chemicals

Prevent exposure to hazardous substances and ensure safe handling.

- Conduct and document risk assessment before starting work; include controls for substitution, ventilation, containment, and emergency measures such as PPE.
- Ensure SDS are available, current, and reviewed before handling any substance.
- Always wear the required PPE for the substance and task.
- Segregation, storage, and waste disposal standards are followed.



Bypassing Safety Interlocks and Controls

Safety guards, interlocks, limit switches, or other physical safety devices/barriers must not be removed or bypassed without approvals.

- Formal override process.
- Dual authorisation (Subject Matter Expert + Competent Person).
- Log and review all bypasses.
- Ensure alternative controls are in place.



Personal protective equipment

Required personal protective equipment (PPE) must be worn (electrical, chemical, etc.).

- Compulsory minimum standard worn.
- Additional PPE based on Job Hazard Analysis / Risk Assessment Method Statement.
- Requirements clearly communicated and enforced.
- Enforcement includes consequences for nonconformity.



Hoisting and Lifting

Prevent dropped loads, rigging failures, and struck-by incidents.

- Trained riggers only.
- Lifting plans for crane lifts.
- Exclusion zones enforced, working under the load is prohibited.



Transport and Warehouse Safety

Control risks from moving vehicles, forklifts, and storage systems.

- Always obey speed limits and use seat belts.
- Maintain strict pedestrian–vehicle segregation.
- Ensure loads are correctly secured before movement/transport.
- Complete daily vehicle and equipment inspections.



Use of mobile phones

The use of a mobile telephone while operating a vehicle or plant equipment is prohibited.

- No use of mobile phones or texting while driving or operating vehicles/equipment.
- Only hands-free communication permitted while driving.
- No mobile phone use in restricted or hazardous work areas (e.g., near chemicals, during lifting operations).
- All mobile use must comply with site rules and PTW conditions.