



LIFE-SAVING RULES



 BOREALIS

Work Authorization

Work with a valid permit when required



- ✓ I am authorized to perform the work by a fully signed and valid permit
- ✓ I understand the permit and have confirmed that hazards are controlled, and it is safe to start
- ✓ I stop and reassess if conditions change
- ✓ I ensure a physical handover of permits to work at the place of execution as required



COMMITTED TO
ZERO HARM

People
Environment
Assets

Sensitivity: External



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Energy Isolation

Verify isolation and zero energy before work begins



- ✓ I have identified all energy sources (e.g., pressure, heat, electricity, mechanical, chemical reactions)
- ✓ I confirm that hazardous energy sources have been isolated, locked and tagged
- ✓ I have checked there is zero energy and tested for residual or sorted energy



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Bypassing Safety Controls



Obtain authorization before overriding or disabling safety controls

- ✓ I understand 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
- ✓ I secure adequate compensating measures for the duration of the bypass and limit the bypass time to a minimum
- ✓ I ensure reinstatement to the original design function



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Hot Work

Control flammables and ignition sources

- ✓ I identify and control ignition sources
- ✓ Before starting any hot work:
 - I have considered alternative work methods (other than hot work) and areas
 - I confirm flammable material has been removed or isolated
 - I obtain authorization
- ✓ Before starting hot work in a hazardous area, I confirm:
 - gas testing has been performed
 - gas will be monitored continually
 - mitigation measures in the field are in place



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Confined Space

Obtain authorization before entering a confined space



- ✓ I confirm energy sources are isolated
- ✓ I confirm the atmosphere has been tested and is monitored
- ✓ I confirm there is a qualified entry guard always present, and a rescue plan is in place
- ✓ I obtain written authorization to enter
- ✓ I make sure that openings to confined spaces, which are not used, are barricaded



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Working at Height

Protect yourself against a fall when working at height (above 1,8m)

- ✓ I ensure that a safe platform is provided (firm, with guardrails, all openings shielded off)
- ✓ I always use appropriate fall protection and approved anchor points when I need to step outside of a safe platform
- ✓ I am properly trained to use a fall protection, and a rescue plan is in place
- ✓ I secure tools and work materials to prevent dropped objects
- ✓ I only work on scaffolds and ladders which have been inspected, approved, and correctly labelled.



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Safe Mechanical Lifting

Plan lifting operations and control the area



- ✓ I never walk or stand under a suspended load
- ✓ I confirm that the lifting equipment and load have been inspected and are fit for purpose
- ✓ I have cross-checked the weight of the load against the maximum allowed load of the lifting equipment
- ✓ I ensure that lifting devices are placed on stable ground and select appropriate anchor points to ensure balance of the load
- ✓ I establish and obey barriers and exclusion zones and follow instructions of the signalman or banksman



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Line of Fire

Keep yourself and others out of the line of fire



- ✓ I position myself to avoid:
 - moving objects
 - vehicles
 - pressure and substance releases
 - dropped objects
- ✓ I establish and obey barriers and exclusion zones
- ✓ I perform the work considering hazards of tools (e.g., rotating equipment) and their potential malfunction
- ✓ I take action to secure loose objects and report potential dropped objects



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Driving

Follow safe driving and traffic rules



- ✓ I always wear a seatbelt, and so do all passengers
- ✓ I do not exceed the speed limit, and reduce my speed for road conditions
- ✓ I never use a mobile phone while driving
- ✓ I am fit and fully alert while driving, and I follow journey management requirements
- ✓ I do not drive into hazardous process areas (e.g., ATEX) without entry permit





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If we can't do it safely, we don't do it at all!

| Work Authorization | Energy Isolation | Bypassing Safety Controls | care for each other, stop work | ask when in doubt | management of change |
|---|---|---|--------------------------------|--|--------------------------|
|  Work Authorization Work with a valid permit when required |  Energy Isolation Verify isolation and zero energy before work begins |  Bypassing Safety Controls Obtain authorization before overriding or disabling safety controls | last-minute risk assessment |  THIS IS HOW WE DO THINGS AROUND HERE, ALWAYS, AND EVERYWHERE: | safety attitude |
|  Hot Work Control flammables and ignition sources |  Confined Space Obtain authorization before entering a confined space |  Working at Height Protect yourself against a fall when working at height (above 1.8m) | trained, competent, fit | | no alcohol and drugs |
|  Safe Mechanical Lifting Plan lifting operations and control the area |  Line of Fire Keep yourself and others out of the line of fire |  Driving Follow safe driving and traffic rules | good house-keeping | personal protective equipment | emergency response plans |



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