

Our Life Saving Rules

Health, Safety and Environment Culture



Polymer Solutions

Connectivity Solutions

Building & Infrastructure

Fluor & Energy Materials

Precision Agriculture



Introduction

This document provides a set of 10 Life Saving Rules (LSR) for work at Orbia.

The purpose of the 10 rules is to set safe work standards that reduce risk and prevent severe events at facilities.

Leaders across Orbia, at all levels, have a key role to play in understanding the critical safety risks they are accountable to manage, and in ensuring that both employees and contractors understand their safety responsibilities. We believe that people working with or for us should be able to go home at the end of the day without having suffered or caused harm in any way. This is our moral obligation, that's why safety is our number one priority.

We all have a responsibility to prevent accidents from happening. We can achieve this if each of us understands the risks, realizes the critical importance of safety and knows what to do. The safety of everyone depends on our commitment to these rules at all times, in all circumstances and on all sites.

We all have a responsibility to respect the rules, follow them and take care for each other safety.



Polymer
Solutions

Building &
Infrastructure

Precision
Agriculture

Connectivity
Solutions

Fluor & Energy
Materials



What are the Life Saving Rules?

The Life Saving Rules are 10 statements of our expectations regarding required behaviors by everyone on our sites. They are intended to raise awareness in the workplace. These rules are not new; we have had various forms of these types of rules for many years.

Every employee and contractor working at/with Orbia must follow our 10 Life Saving Rules.

They identify what Orbia has determined to be the most critical safety hazards that, if not controlled, can result in potentially life-threatening events, including fatalities.

These rules are so important that we cannot tolerate any deviations or violations of the rules.

If an Orbia employee or contractor chooses to not follow a Life Saving Rule, disciplinary action can include termination and/or removal from the site.



Our Life Saving Rules



1. Always work with a valid permit when required.



2. Always lock-out / tag-out hazardous energies before work begins



3. Always protect yourself against a fall when working at height.



4. Always obtain authorization before entering a confined space.



5. Always use a valid permit when starting any work that produces flame, sparks, arc, and/or heat.



6. Never use forklifts or industrial vehicles unless trained and authorized.



7. Never walk under a suspended load.



8. Never bypass a machine guarding without a permit.



9. Never work on live electrical equipment without a permit.



10. Never drive or work under the effects of alcohol or drugs.



1. Always work with a valid permit when required.

- Confirm with your supervisor if a permit is required and that you are authorized to perform the work.
- Understand the permit and confirm that hazards are controlled, and it is safe to start the job.
- If conditions change, I stop and reassess.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should confirm:

- All work permit requirements are in place (e.g., confined space, energy isolation, working at heights, etc.)
- Barriers and signs are in place to restrict access as required by the permit.
- A worksite risk assessment has been conducted by a competent person(s) to identify hazards.

Bypassing or overriding or disabling safety-critical devices is not allowed without a permit.

Do not work on piping with hazardous substances without line-opening / line-breaking Procedure/Permit.





2. Always lock-out / tag-out (LOTO) hazardous energies before work begins

- Verify that all energy sources are isolated and tested for residual energy before beginning work on any equipment.
- If equipment is locked and/or tagged, do not try to remove the lock or work on the equipment.
- You are expected to know your local lock-out/tag-out procedures.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should confirm:

- Compliance with the lock out / tag out program and procedures.
- A worksite risk assessment has been conducted to identify hazards.

Never perform maintenance or work on moving machines.

Never remove guarding to perform maintenance or inspection until the machine has been properly de-energized and locked out





3. Always protect yourself against a fall when working at height

- Before starting work, I inspect fall protection equipment before using it.
- When working at heights, I secure my tools and other work materials in my area to prevent dropping them on someone below.
- When working outside protected areas, always tie off to approved anchor points.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should:

- Confirm that it is safe to start work at a height.

A protective environment includes approved scaffolds, stairs with handrails, and man-lifts.

Never walk around barriers without permission.





4. Always obtain authorization before entering a confined space.

- I never enter a confined space unless I am authorized.
- Before I enter, I always confirm energy sources are isolated and the atmosphere has been tested and is being monitored.
- Before work begins, I confirm that an attendant is always standing by when anyone is in the space and that a rescue plan is in place.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should:

- Confirm that the requirements of the work permit are in place.
- Confirm that a qualified attendant is always present when people are in a confined space.
- Confirm that gas testing is carried out as per work permit.
- Confirm that it is safe to start work and a rescue plan in place.





5. Always use a valid permit when starting any work that produces flame, sparks, arc, and/or heat.

- Before starting any hot work, I confirm whether a hot work permit is required and that I am authorized to perform the work.
- I have read and understand the permit and I know it is safe to start.
- If required by the permit, I perform a gas test and/or continuously monitor the gas levels.
- I know that if conditions change, I stop and reassess.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should:

- Confirm that the requirements of the work permit are in place.
- Confirm that gas testing is carried out as per work permit

Remember to perform a gas test and confirm flammable material has been removed or isolated.

If required by the permit, continuously monitor the gas levels.





6. Never use forklifts or industrial vehicles unless trained and authorized.

- Before operating a vehicle, be sure that you are trained and authorized to use the vehicle.
- Area traffic rules are there for my safety and those that work around me.
- I never use pallets on the forklifts as a work platform or allow anyone to stand or walk under the forks on a lift.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

The operator should not:

- Operate a lift truck that does not have capacity rating information.
- Travel with the load raised more than ten centimeters (4 inches) from the floor.
- Allow unauthorized people to operate the vehicle.
- Try to move or adjust any part of the load, the forklift, or the surroundings when on the forklift
- Allow anyone to stand or walk under the elevated part of any forklift, whether loaded or unloaded.





7. Never walk under a suspended load.

- Before starting a lift, I confirm the equipment has been inspected and is correct for the task.
- I make sure only qualified / certified people operate the equipment and that barriers are in place to prevent people from entering the area or walking under a suspended load.
- Never cross a barrier controlling an area with a suspended load without authorization.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the person in charge of the lift you should:

- Mark the unsafe area and put barriers in place.
- Ensure that nobody walks under a suspended load.

Working or walking immediately under a suspended load is unsafe as the load can fall on you.

A suspended load is an object that is temporarily lifted and hangs above the ground (rig floors are excluded from this rule).





8. Never bypass a machine guarding without a permit.

- I never reach into a machine (even if it is shut off).
- I always use Lock-out / Tag-out when it is required
- I understand and use safety-critical equipment and procedures when doing my job.
- I obtain authorization before disabling or overriding safety equipment or if I need to deviate from procedures.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should confirm that the machine guards are:

- In place and in good working condition.
- Are inspected periodically
- If they are electronic, they function properly and, if equipped, will shut down the machine when opened or breached.

A Machine Guard is a physical barrier that prevents exposure to an identified hazard.





9. Never work on live electrical equipment without a permit.

- Before starting work, I confirm whether an electric work permit is required.
- If a permit is required, I understand the permit and follow proper safe work practices and use the proper PPE for the job.
- If conditions change, I stop and reassess.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge of the work, you should confirm:

- That no work is done on electrical energized circuits or equipment without a permit.
- That no work is done on electrical energized circuits or equipment by unauthorized or untrained personnel.





10. Never drive or work under the effects of alcohol or drugs.

- Never drink alcohol, take drugs, or be under the influence of these while at work.
- If I am taking a prescribed medication, I will always follow my doctor's recommendations regarding operating equipment.
- If I am not sure, I STOP WORK and ask my supervisor or manager.

If you are the supervisor or person in charge, you should confirm that workers are not under the influence of alcohol or drugs:

- Perform regular personnel checks to confirm they are not under the effects of alcohol or drugs.
- Remove the person from the workplace if they are suspected of being under the effects of alcohol or drugs.



All Injuries Are Preventable



**Polymer
Solutions**

**Connectivity
Solutions**

**Building &
Infrastructure**

**Fluor & Energy
Materials**

**Precision
Agriculture**