

THE nyrstar

**LIFE-SAVING
RULES**

TOWARDS
ZERO

OUR LIFE-SAVING RULES

The Nyrstar Life Saving Rules have been developed after a review of critical incidents that have occurred in our business.

- Over 80% of the fatalities that have occurred were in areas addressed by these **Life Saving Rules**.

- The **Life Saving Rules** apply to everybody: employees, contractors, service providers and visitors and must be followed at all times.
- If you determine that a task cannot be carried out safely, do not start or continue to perform the task.
- If you observe someone else failing to follow a **Life Saving Rule**, you must intervene if it is safe to do so.

MESSAGE FROM

“Incidents are not inevitable. A wide variety of risks are encountered across our activities, but we all have one thing in common: a duty to protect ourselves and our colleagues in the workplace.

The basic rules set out in this booklet are based on lessons learned from previous incidents. Encompassing the situations most frequently encountered at our sites, these rules move us closer to our vision of ensuring that everyone returns home Safe and Healthy everyday .

Strict compliance with these rules is pivotal to preventing incidents in our operations. Safety is everybody's priority every day. Achieving it requires education,

THE CEO

discipline, and the courage to step in as soon as you see something being done unsafe or when a situation deteriorates. Sharing these principles and meeting their stringent standards is the best way towards zero.

I know that Nyrstar's **Life Saving Rules** will make a tangible contribution to strengthening our safety culture.

Daniel Vanin,
Chief Executive Officer



LIFE
SAVING RULE

#1



FIT FOR DUTY

I will never be in possession of, consume, or be under the influence of alcohol or illicit drugs while at work.

While at work, I will:

- Always be in a fit and healthy state.
- Never test positive for drugs or alcohol.
- Never possess alcohol or illicit drugs.
- Never carry out a task unless I am fit for duty.
- Always advise my supervisor of medication I am taking that I have been advised may affect me at work.

LIFE
SAVING RULE

#2



SAFETY BARRIERS

I will never bypass or shortcut a primary safety protection system or device. I will not enter a restricted area without permission and authorisation.

While working, I will:

- Never enter or work in a plant area without being inducted, registering access or obtaining a Safe Permit to Work.
- Never operate plant or equipment with missing or compromised guarding.
- Never shortcut or bypass an emergency stop, safety interlock, lanyard or trip wire.
- Never enter a restricted area or alter a barricade without authorisation from the responsible person.
- Stop work and report any malfunction of a safety protection system.

LIFE
SAVING RULE

#3



WORKING AT HEIGHTS

I will never work at heights
without training, authorisation
and adequate fall arrest /
prevention systems.

While at work, I will:

- Always have the necessary training and license prior to using fall prevention, fall arrest and operating an Elevated Working Platform.
- Always keep at least 1.8m from unprotected openings/ holes/ edges.
- Always inspect my fall protection/prevention equipment before every use.
- Always verify that equipment has been inspected by a competent person within the last 12 months, or the frequency established by my site
- Always avoid working from ladders, except for occasional tasks approved by my supervisor. Under these circumstances I will always maintain three points of contact.
- Always use the correct personal fall protection for the task/situation.
- Never climb onto the middle rail, top rail or work from the outside of the basket while I am attached to an elevating working platform.
- Always prevent items from falling and causing injuries to other persons.
- Implement controls to ensure that the drop-zone below my work area is secure.
- Never use a scaffold without checking the scafftag and ensuring it is current.

LIFE
SAVING RULE

#4



MOBILE EQUIPMENT

I will only operate mobile equipment if I am authorised, have the relevant training and follow all procedures.

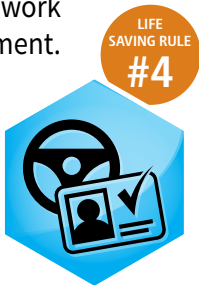
As a MOBILE EQUIPMENT OPERATOR, I will:

- Always ensure I have the current and relevant training or license to operate any industrial mobile equipment.
- Always complete/check that the pre-use check list has been conducted and the equipment is safe to operate.
- Always follow the site, department and public traffic rule (e.g. obey the speed limit and buckle the seatbelt, do not use cell phones while driving; do not drive outside the authorised paths)
- Stop the vehicle if passengers are not using seatbelts (where fitted) or if pedestrians are approaching the equipment.



As a PEDESTRIAN or CYCLIST, I will:

- Always wear high visibility clothing and or reflective bands.
- Always use designated walkways/bike lanes.
- Always keep a safe distance from all vehicles. Follow all applicable procedures regarding work around mobile equipment.
- Always ask for driver authorisation before approaching any mobile equipment
- Do not cycle or walk outside authorised paths.



LIFE
SAVING RULE

#5



LOCKOUT & TAGOUT

I will not work on energized equipment without applying my isolation lock and testing zero energy state. I will never remove the tag or lock of another person.

While working with energized equipment, I will:

- Always ensure that I have the competency and certification for doing the job.
- Always check that all energy sources were isolated and verified by isolation coordinator/s.
- Always test zero energy state before starting work.
- Always use approved isolation sheets and permits.
- Always use the approved lockout tags and locks, and only use them for equipment isolation purposes.
- Always respect isolation equipment – I will never tamper with other people's locks/ lockout tags or group lock boxes.

LIFE
SAVING RULE

#6



ELECTRICITY

I will only work on electrical equipment if I am trained and authorised to do so and I have obtained authorisation.

While working with electricity, I will:

- Always ensure that I have the competency and certification for doing the job.
- Always use the specified protective equipment when I perform live work.
- Always “Test before I Touch”.



LIFE
SAVING RULE

#7



LIFTING OPERATIONS

I will never stand or pass under a suspended load or operate lifting equipment without approved training, certification and authorisation.

While working with lifting equipment, I will:

- Always inspect the lifting equipment before use.
- Always ensure that lifting equipment is capable of lifting the load.
- Never stand or walk in the drop zone of a suspended load.
- Always ensure that I have the necessary training/ certification to use the lifting equipment.
- Always ensure the lifting area has been marked out/ barricaded to prohibit access.

LIFE
SAVING RULE

#8



CONFINED SPACE ENTRY

I will never enter a confined space without an entry permit, and only if I have received instructions about the risks and controls for working in that specific confined space.

While working in confined spaces, I will:

- Ensure I have the necessary training to enter or be a stand-by person for a Confined Space.
- Always ensure I have read and signed the Confined Space Permit and I am aware of the hazards and implemented controls.
- Always follow the instructions given on the permit or by the confined space attendant/stand by person.

LIFE
SAVING RULE

#9



HOT WORK

I will not conduct hot work activities without approved training, authorisation and critical controls.

While doing hot work activities, I will:

- Ensure I have the necessary training for the type of activity (welding, cutting or burning)
- Always follow the instructions given on the permit.
- Always use the specific personal protection equipment for the type of hot work activity (Welding, cutting or burning).

LIFE
SAVING RULE

#10



GROUND FALL

I will not enter areas of unsupported ground without permission. I will not start working without completing a workplace examination.

While working underground, I will:

- Never start working without completing a workplace examination.
- Always consider that the ground is unsupported if it has no ground support or has not been inspected and signed off as stable.
- Always inspect, test and sound my work area and bar down safely.
- Always follow my local ground control plan and adequately scale areas that may contain loose ground.

LIFE
SAVING RULE

#11



MOLTEN METAL

I will not conduct
molten metal activities
without approved
training, authorisation
and critical controls.

While doing molten metal activities, I will:

- Only conduct molten material work if I have completed specific induction and training in the area and task.
- Always wear my molten metal personal protective equipment and I will strictly follow the safe work procedures.
- Always ensure my personal protective equipment is worn correctly and in good condition.
- Never carry banned items into molten metal work areas.

LIFE
SAVING RULE

#12



HAZARDOUS SUBSTANCES

I will never handle or
use hazardous substances
without approved
training, authorisation
and critical controls.

While working with hazardous substances, I will:

- Never handle or use chemical or hazardous substances if I have not been trained and authorised in their use, handling, storage and disposal.
- Always obtain, read, understand and follow the instructions of the safety data sheet for the hazardous substance that I will be handling.
- Never conduct hazardous substance work without using approved PPE and equipment and following the relevant procedure.
- Never bring a new hazardous substance on site without completing a Hazardous Substance risk assessment and gaining approval.
- Always store hazardous substances in a suitable location, container and with appropriate labeling.
- Ensure that prior to blasting all personnel are accounted for and the blasting areas are properly cleared before initiating the blast.
- Ensure that prior to entering a recently blasted heading/stope that a thorough workplace examination is conducted by personnel including checking for toxic gases, unexploded explosives, bad ground, etc.

“Safety is
everybody’s
priority,
every day.”

- Daniel Vanin

The logo for nyrstar, featuring the word "nyrstar" in a lowercase, sans-serif font. A blue, multi-pointed star is positioned above the letter "y".