

Emergency Response Plan



INTRODUCTION

In today's fast-paced and ever-changing world, ALUMAN SA recognizes the importance of preparedness and safety. Equipping itself to handle emergencies effectively is not only crucial for the protection of its employees and assets but also for building trust and confidence among stakeholders. ALUMAN SA understands the significance of comprehensive and publicly disclosed emergency response plans.

By publicly disclosing its emergency response plans, ALUMAN SA openly shares the strategies and protocols it has put in place to address a range of potential emergencies. This transparent approach demonstrates the company's commitment to safety, transparency, and accountability to its employees, the local community, regulatory bodies, and other stakeholders.

ALUMAN's comprehensive emergency response plans are tailored to the specific needs and risks associated with the aluminum industry. They encompass a wide range of emergency scenarios, including fires, chemical spills, power outages, equipment failures, severe weather events, medical emergencies, data loss.

EVACUATION LOCATION:

ALUMAN SA prioritizes the safety and well-being of its employees during emergencies by establishing designated assembly points in the yard of each building. These outdoor assembly points offer advantages such as quick and effective evacuations, minimizing risks associated with confined spaces, and providing a clear path to safety. The assembly points are easily identifiable, well-maintained, and equipped with necessary safety equipment. The yard location allows for ample space, reducing the risk of overcrowding and facilitating organized evacuations. ALUMAN SA emphasizes preparedness through employee training on evacuation procedures and ensuring awareness of the nearest assembly points. By situating assembly points outdoors, providing clear instructions and signage, and maintaining a commitment to safety, ALUMAN SA ensures a safe and efficient evacuation process for its workforce.



FIREFIGHTING EQUIPMENT.

ALUMAN SA is well-equipped with firefighting equipment to ensure the safety of its employees and assets. Firefighting stations are strategically placed throughout the premises and contain essential tools such as blankets, hatchets, crowbars, shovels, pickaxes, red helmets, masks, torches, and batteries. In addition, the company has over 80 fire extinguishers of various types to combat different types of fires effectively.

To further enhance fire safety ALUMAN SA has implemented a fire extinguisher network with water. In the lubricant's storage room, a supplementary network with foam is installed. these networks provide an additional layer of protection and allows for a prompt response to fire incidents.

Maintenance personnel oversee the maintenance and readiness of the firefighting stations.



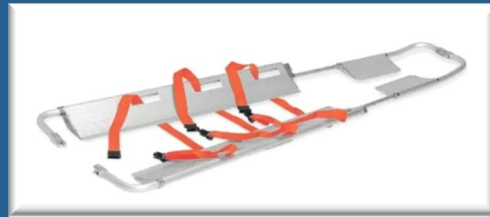
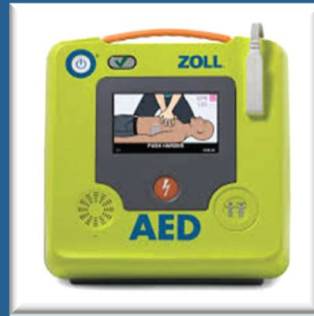
FIRST AID EMERGENCY KIT

ALUMAN SA ensures preparedness for emergencies by maintaining an emergency kit that is an integral part of their emergency action plan. The emergency kit is stored in the supervisor's office, with its location clearly visible and known to the staff.

The emergency kit contains essential items to address various emergency situations. These include emergency procedures, a list of emergency and recovery contacts, a list of employees with their contact details, and a first aid pack bag equipped with items such as an isothermal blanket, alcoholic lotion, burn shield hydrogel, common bandages, sterile gauze, elastic bandages, scissors, oximeter, and thermometer. The kit also includes an oxygen cylinder and a defibrillator, ensuring that life-saving measures can be taken when necessary.

Regular checks and reviews are conducted on the emergency kit, with the Quality Control personnel responsible for ensuring its contents and functionality.

By maintaining a well-stocked emergency kit with proper documentation and regular checks, ALUMAN SA demonstrates its commitment to employee safety and preparedness for emergencies.



ANTIPOLLUTION MATERIALS

The company possesses appropriate absorbent materials to create barriers and limit the spread of spilled chemical /lubricants. Additionally, have deployed drums with sawdust at strategic pollution points to facilitate immediate absorption of the spilled substances. Containers and large UN waste bags are available for storing the waste materials before their removal by licensed companies. These measures demonstrate the company's commitment to pollution prevention and proper waste management practices.



DRILLS

ALUMAN SA has a well-defined emergency action plan drill schedule to ensure preparedness and response in various emergency situations. The schedule includes drills for fire, flood, earthquake, explosion evacuation, spills, data recovery, and first aid.

- Fire, flood, earthquake, and explosion evacuation drills are conducted once per year and are the responsibility of the Chief of Fire Safety, Deputy Chief of Fire Safety, Security Technician.
- Lubricant oil spill drills, which also cover other liquid waste, are conducted once per year and are overseen by the Deputy Manager of Environmental Management. By applying water as a demonstration material causes no environmental damage during the trial.



- First aid drills are conducted twice per year and involve the participation of first aid providers.

By adhering to this drill schedule, ALUMAN SA ensures that employees are regularly trained and prepared to respond effectively to various emergencies. The involvement of specific personnel in each drill type highlights the company's commitment to assigning responsibilities and expertise in emergency situations.



- Data recovery drills are conducted once every three months and are the responsibility of the IT personnel.

EMERGENCY RESPONSE TEAMS

All shifts are covered by the appropriate number of people for fire safety and assistance.

Aluman has a firefighting team of 24 firefighters trained by the fire department.



It also has 28 persons certified in the provision of first aid, the use of fiber, CPR, and oxygen supply.

EMERGENCY TEAM ROLES AND RESPONSIBILITIES:

ALUMAN SA has established an emergency team with designated roles and responsibilities to effectively respond to emergencies as part of their emergency action plan.

The Chief of Fire Safety plays a crucial role in communicating emergency procedures to all staff, supervising, and executing emergency evacuation procedures, attending relevant training courses, conducting regular drills, and ensuring the procedures are updated regularly. The Production Manager is responsible for fulfilling these responsibilities.

The Deputy Chief of Fire Safety assists with regular drills and assumes the duties of the Chief of Fire Safety when required. The Maintenance Manager takes on this role.

The Fire Safety Team Members are responsible for attending relevant training courses, assisting in evacuating staff following evacuation procedures, participating in regular drills, and assuming the duties of the Chief Fire Warden when necessary.

First Aid Providers are tasked with administering first aid support during emergencies, contacting ambulance services as needed, and attending regular first aid training courses.

By defining clear roles and responsibilities for the emergency team, ALUMAN SA ensures a coordinated and effective response to emergencies, prioritizing the safety and well-being of its employees.

EMERGENCY PROCEDURES



FIRE

In the event of a fire, the following steps should be taken:

- Activate the general alarm by pressing the alarm activation button to alert all personnel.
- Immediately inform the Chief of Fire Safety and the fire safety team of the company.
- All employees should evacuate the premises using the emergency exit signage and proceed to the designated assembly point.
- Account for all staff members and check for any trapped workers at the assembly point.
- If appropriate, use firefighting equipment or fire hoses to suppress the fire.
- Close doors and windows if the fire is indoors and shut down air vents and ducts.
- Remove all flammable materials from the fire area, including gas cylinders, lubrication barrels, and explosives.
- Contact the Fire Service for assistance.
- Cooperate with the Fire Brigade and provide any necessary information.
- Call for First Aid assistance if required.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



NATURAL DISASTERS (EARTHQUAKE, FLOOD, ETC.)

In the event of a natural disaster such as an earthquake or flood, the following steps should be taken:

- Evacuate all areas of the factory, following the existing signage to emergency exits, and gather at the predetermined assembly point.
- Proceed to the designated evacuation location and ensure the presence and accountability of all staff members. This process will be led by the Chief of Fire Safety, fire safety team of the company, and heads of departments.
- Assess the physical and mental condition of employees and provide necessary first aid as required.
- Avoid staying near overhead windows, objects that may dislodge and fall from high places, power lines, and trees.
- In the event of a flood, if reaching the designated assembly point is not feasible, move to a safe elevated area while avoiding flooded roads.
- Gather information regarding any trapped or injured workers.
- If a fire occurs following the incident, inform the Fire Chief and follow the respective Emergency Plans accordingly.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



LIQUID ALUMINIUM EXPLOSION

In the event of a liquid aluminium explosion, the following steps should be taken:

- Immediately inform the Shift Supervisor and the designated First Aid provider about the incident. Any employee present at the event should report the incident promptly.
- Check for any injured or trapped workers. The Shift Supervisor and the Fire Safety Team are responsible for assessing the situation and ensuring the safety of all employees.
- Safely remove injured or trapped workers from the scene. The Shift Supervisor and the Fire Safety Team should carefully evacuate and aid as necessary.
- The Shift Supervisor stays with the victim until the arrival of the First Aid provider.
- The designated First Aid provider should provide necessary first aid to the injured worker.
- If transportation of the injured worker is required, promptly contact the National Emergency Aid Center (EKAB) and provide them with all relevant incident details.
- Provide a comprehensive report of the incident to the Production Manager. The Shift Supervisor is responsible for documenting the incident accurately.
- The Production Manager contacts the hospital to inquire about the employee's health status.
- Immediately summon the Safety Technician to assess the site and investigate the circumstances surrounding the incident. The Production Manager takes prompt action to ensure a thorough investigation.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



NATURAL GAS LEAK

In the event of a natural gas leak, the following steps should be taken:

- Activate the general alarm using the alarm activation button and immediately inform the Shift Supervisor. Any employee who detects the gas leak should promptly notify the Shift Supervisor.
- Evacuate workers within a radius of at least 100m. The Shift Supervisor and the fire safety team are responsible for coordinating the evacuation process.
- Notify the Shift Electrician to perform a power outage in the affected area.
- Prohibit all hot work within a radius of 50m. The Shift Supervisor and the fire safety team enforce this restriction.
- Secure the area by marking it with appropriate red and white stripes. The Shift Supervisor and the fire safety team mark the affected area to ensure it is clearly identified.
- Immediately inform the Production Manager about the incident. It is the duty of the Shift Supervisor to report the gas leak to the Production Manager.
- Inform the Natural Gas Supply Company (call 1118 or 210 5551666) about the incident and request their assistance in resolving the problem. The Production Manager handles this communication.
- Promptly inform the Maintenance Manager about the incident. The Production Manager is responsible for notifying the Maintenance Manager.
- Conduct an inspection of the facilities using a natural gas detection device to identify any trapped natural gas. The Maintenance Manager performs this inspection.
- Arrange for the necessary leak remediation by contacting the Natural Gas Company or an authorized contractor.
- If the gas leak results in an explosion or fire, follow the respective Emergency Plans.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons..



LARGE EXPLOSION FROM NATURAL GAS

In the event of a large explosion caused by natural gas, the following steps should be taken:

- Evacuate all areas of the factory, following the existing signage to emergency exits, and assemble at the predetermined assembly point.
- Upon reaching the evacuation location, ensure the presence and accountability of all staff members. This responsibility falls on the Chief of Fire Safety, the fire safety team of the company, and the heads of departments.
- Check the physical and mental condition of the employees. The heads of departments and First Aid providers are responsible for assessing the well-being of the staff.
- Remove the injured individuals from the site of the explosion and provide necessary first aid as required. The Shift supervisor, fire safety team of the company, and first aid providers are involved in this task.
- If transportation of the injured is necessary, immediately contact the National Emergency Aid Centre (EKAB) and provide them with all relevant information about the incident. The Shift supervisor is assigned this responsibility.
- Call the Fire Brigade (tel. 199) and inform them about any trapped employees. The Shift supervisor is responsible for communicating this information to the Fire Brigade.
- In the event of a fire following the explosion, promptly notify the Fire Chief. The Shift supervisor has the duty of informing the Fire Chief.
- If a fire occurs after the explosion, follow the respective Emergency Plans as directed by the Fire Chief and the fire safety team of the company.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



WORK ACCIDENT, PROVIDING FIRST AID

In the event of a work accident requiring first aid, the following steps should be taken:

- Immediately inform the Shift Supervisor about the event. This responsibility falls on anyone who perceives the event.
- Promptly notify the designated First Aid provider about the event. This responsibility also falls on anyone who perceives the event.
- If an employee is trapped, the Shift Supervisor, fire safety team, and First Aid provider should take necessary actions to free them.
- The First Aid provider administers first aid using the First Aid kit, oxygen cylinder, and defibrillator. The Shift Supervisor receives a briefing on emergency procedures for transferring the injured person to the nearest hospital. The Shift Supervisor, fire safety team, and First Aid provider are responsible for this task.
- If there is a need to transfer an injured person, immediately contact the National Emergency Aid Centre (EKAB) and provide them with all necessary information about the incident. This task is assigned to the Shift Supervisor.
- If no ambulance is immediately available, a member of the fire safety team transports the injured person to the nearest hospital using a company vehicle.
- Inform the Production Manager immediately about the incident. This is the duty of the Shift Supervisor.
- The Production Manager contacts the hospital to inquire about the employee's health status.
- Immediately call the Safety Technician to inspect the location and assess the conditions in which the incident took place. This action is initiated by the Production Manager.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



POWER OUTAGE

In the event of a power outage, the following steps should be taken:

- Immediately activation of the safety lights (automatic) to ensure visibility and prevent accidents in the dark.
- The members of Fire safety team ensure that employees remain in safe areas and follow any further instructions given by the responsible persons.
- Confirm with the electrician that the generator supplying power to the offices has automatically switched on. This is to ensure the continuous operation of essential systems and equipment.
- Initiate the generator to power the machines of the continuous casting line, ensuring a continuous supply of electricity to keep the aluminum melted. This generator also activates lights on the production facilities.
- Start the generator to power the machines of the hot strip production line, ensuring a continuous supply of electricity to keep the aluminum melted.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



OIL or WASTE (LIQUID FORM) LEAK DUE TO ACCIDENT

In the event of an oil or waste leak caused by an accident, the following steps should be taken:

- Immediately inform the Shift Supervisor about the event. This responsibility falls on anyone who perceives the leak.
- Stop the hydraulic unit immediately (if the leakage is caused by a hydraulic unit) to prevent further leaks.
- Establish a barrier around the affected area to contain and limit the spread of the leakage. This will help minimize the potential impact and prevent it from spreading to other areas.
- Collect the leaked oil or waste in a designated collection tank. This ensures proper containment and facilitates proper disposal.
- Use absorbent material to wipe the floor and clean up any spills. The absorbent material helps soak up the liquid and prevent it from spreading or causing slips and falls.
- Dispose of the contaminated absorbent material in specially marked buckets. This ensures proper handling and disposal of the contaminated material.

Please note that the detailed procedures are not included in this summary. For the complete information, please consult the respective responsible persons.



DATA LOSS

In the event of **data loss due to ransomware and cyberattacks or unintentionally erased files or folders**, the following steps should be taken:

- The IT personnel should immediately take action to restore the most recent files from the external daily data drive backup. This involves accessing the backup system and retrieving the necessary files or folders

In the event of **data loss due to different causes, such as server/drive crash, data center outage, or ERP crash**, the following steps should be taken:

For **Data Loss Due to Server/Drive Crash**:

- Initiate the startup of the standby secondary server, which serves as a data restore backup.
- Restore the data files from the daily data drive backup to the secondary server.

For **Data Loss Due to Data Center Outage**:

- Utilize Office 365 and the cloud-based ERP database hosted on Microsoft premises with internal backup procedures.
- Use the local ERP database copy to continue working locally during the outage.

For **Data Loss Due to ERP Crash**:

- Restore the latest daily ERP database and continue working locally until the issue is resolved.
- Once the problem is resolved, restore the local copy to the cloud for normal operations.

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