

SPILLS AND LEAKAGES PREVENTION PLAN

**ALUMEX SAFETY SYSTEMS
ALUMEX PLC.**

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Spill Prevention and Response Program

At Alumex PLC, we recognize that our operations within the aluminum manufacturing sector involve the use, storage, and handling of various industrial chemicals. These include surface treatment chemicals, oils, solvents, cleaning agents, coatings, and other process-related substances. While these materials are essential to our production processes, they also present potential environmental and occupational risks if not managed properly.

Industry-Specific Spill Risks

In aluminum processing and fabrication, potential chemical spill scenarios may arise from:

- Leakage of hydraulic oils and lubricants from machinery and extrusion presses
- Spillage of acids and alkaline solutions used in surface treatment and cleaning processes
- Accidental release of paints, coatings, and solvents during finishing operations
- Storage tank or container failures in chemical storage areas
- Handling and transfer incidents during loading, unloading, or internal transportation

Such incidents, if uncontrolled, may lead to soil and water contamination, fire hazards, and health risks to employees and surrounding communities.

Preventive Controls

To mitigate these risks, Alumex PLC has implemented a comprehensive Chemical Spill Prevention Program, which includes:

- **Proper Storage and Segregation:** Chemicals are stored in designated areas with appropriate labeling, compatibility segregation, and secondary containment systems.
- **Engineering Controls:** Use of bund walls, drip trays, spill pallets, and leak detection systems to prevent and contain accidental releases.
- **Standard Operating Procedures (SOPs):** Strict procedures governing chemical handling, transfer, and disposal.
- **Inspection and Maintenance:** Routine inspection of storage tanks, pipelines, valves, and equipment to detect and rectify potential leaks.
- **Training and Awareness:** Regular training programs to ensure employees understand chemical hazards, safe handling practices, and emergency response requirements.

Spill Response and Emergency Preparedness

Alumex PLC maintains a structured Chemical Spill Response Plan to ensure timely and effective action in the event of an incident:

- **Emergency Response Teams (ERT):** Trained personnel equipped to respond immediately to spill incidents

- Spill Control Equipment: Availability of spill kits, absorbents, neutralizing agents, and personal protective equipment (PPE) at strategic locations
- Containment and Recovery: Prompt actions to isolate the source, contain the spill, and safely recover or dispose of the material
- Incident Reporting and Investigation: All incidents are reported, investigated, and corrective actions are implemented to prevent recurrence
- Coordination with Authorities: Engagement with relevant regulatory bodies when required

Environmental and Community Commitment

We are committed to minimizing environmental impact and safeguarding the health and safety of our employees and the surrounding community. Our approach aligns with national environmental regulations and internationally recognized standards, including ISO 14001 and ISO 45001 frameworks.

Through continuous improvement, investment in safer technologies, and strengthening of our risk management systems, Alumex PLC strives to maintain the highest standards of environmental stewardship and operational safety.