

RISKS AND MEASURES - GENERAL

FV104C

<u>LEVEL</u>	<u>HAZARDS</u>	<u>RISK</u>	<u>MEASURES</u>
ALERIS DUFFEL	Industrial environment	Cutting, bumping, getting squeezed, crushing	Always wear safety footwear, a hard hat, a fluorescent vest or eye-catching work clothing, long sleeves and long trousers outside of the residential areas (cafeterias, offices, changing rooms, ...) Safety goggles shall be kept at hand at all times. The safety goggles are worn when needed: when operating open fork lift trucks, cutting, drilling, milling, in dusty environments, when working with chemicals, working with or on compressed air and hydraulics, ...
	Moving parts	Amputations	It is forbidden to wear wrist watches, rings or necklaces in the workplace.
	Liquid metal	Burns due to splashes	In the foundry, special PPE is required. Piercings and earrings are prohibited in the foundry.
	Molten aluminium	Explosion	Drinking cans are forbidden in the entire company premises. Spray cans and gas lighters are forbidden in the foundry.
	Hot aluminium	Burns	Do not touch aluminium in the factory.
	Internal transportation	Being run over	Always pay attention when on foot. Watch out when crossing. Always use the phone in a safe location. Always use the safe access routes and footpaths outside your working area. Use the stairs' handrails and do not take more than one step at a time. Always establish eye contact when interacting with vehicles or overhead cranes and pedestrians or cyclists. Vehicular traffic always has right of way. Never walk under suspended loads. Do not move loads over persons or rolling stock. Never come closer than 2 metres to a vehicle with the engine running. Have the driver stop the engine and engage the parking brake when you want to approach the vehicle.
		Bumping, getting squeezed	Only operate vehicles and overhead cranes when in possession of an Aleris-approved driver's licence. Follow the prescription for stacking and handling loads (maximum stacking height = 3 x the smallest bottom width, never higher than 4½ metres, stack straight, no inverted pyramids, stable stacks). The speed limit is 8 km/h inside and 12 km/h outside the factory halls. Only use phones or operate terminals when your vehicle is standing still. Scrap bins loaded higher than the edges shall not be transported.
Work performance	Risks inherent to the works and due to interaction of different activities	It is mandatory to make a risk analysis prior to the start of the works.	

Machines	Bruises, cuts	<p>Make sure you know the machine safety instructions before operating a machine.</p> <p>Immediately report any defect or failure of an Aleris machine to failure management.</p> <p>Always follow the lock-out procedure when working on, in or between machines.</p> <p>Never start works in or on a machine before the Aleris co-ordinator (supervisor, 1ste operator, project manager, site supervisor, ...) has given his approval.</p> <p>Never bypass safety systems (except authorised Technical Department personnel to detect failures).</p> <p>Never touch moving machine parts.</p>
Tools	Bruises, cuts	<p>Only use tools in good condition.</p> <p>Only use tools that have been approved, if required (hoisting and lifting equipment, pressure vessels, ...).</p>
Electricity	Electrocution, electrification	<p>Only authorised personnel holding a BA4/BA5 certificate can work on electrical installations, in compliance with the Aleris procedures.</p> <p>All power cabinets shall be closed.</p>
Chemicals	Poisoning, irritation	<p>Only use chemicals for which a chemical data sheet is available and apply the described measures.</p> <p>Never discharge chemicals or unknown products into the sewer.</p>
Disorder and waste material	Tripping, poor evacuation	<p>Collect waste in the appropriate waste container.</p> <p>Clean up floor spills.</p> <p>Never block the access to emergency exits, extinguishing equipment or rescue equipment.</p> <p>Keep your working area orderly and clean up after works have been ended.</p>
Works in confined spaces	Suffocation, amputation	<p>Request a licence for confined spaces before entering a confined space. (Procedure FV308).</p> <p>All confined spaces on the company premises are marked with a pictogram.</p>
Height Works	Falling hazard	<p>(Procedure VV201)</p> <p>If the falling height is over 2 metres and there is no collective fall arrest system, the use of an individual fall arrest system is mandatory.</p> <p>Only use ladders to bridge height differences and for light work.</p> <p>Scaffoldings shall always be inspected by a certified scaffolding inspector before use.</p>
Hot works	Fire risk	<p>Request a hot works permit for welding, cutting, burning, ... (Procedure FV306)</p>
Alcohol and Drugs	Decreased concentration	<p>Never work under the influence of drugs or alcohol.</p>
Smoking	Fire	<p>Do not smoke inside the plant buildings and leave cigarette stubs in the ashtrays provided in the smoking areas.</p>