



Working at heights

Active

Created	2026-05-27
Created By	Admin
Approved By	Admin
Approved At	2026-05-28
Next Review Due	2027-05-28

5x5 Risk Matrix Legend

	1 Negligible	2 Minor	3 Moderate	4 Major	5 Catastrophic
5 Very Likely	5	10	15	20	25
4 Likely	4	8	12	16	20
3 Possible	3	6	9	12	15
2 Unlikely	2	4	6	8	10
1 Very Unlikely	1	2	3	4	5

Scale Definitions

- Low Risk (1-7): Acceptable risk, routine monitoring
- Medium Risk (8-14): Requires management attention and action plan
- High Risk (15-25): Immediate action required, senior management involvement



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Consolidated Risk Overview

Activity	Risk	Initial	Countermeasure	Responsible	Status	Residual
General	Fall from elevation	15	 Fall arrest harness and lanyard	Admin	Planned 2026-05-30	4
			 Guardrails and edge protection	-	Planned	
	Slip, trip, or fall on same level	10	 Working at Height Certification	-	Planned	6
	Failure of Fall Arrest Harness	20	 Fitness-to-Work Checks	-	Planned	6
			 Pre-Use Functional Checks	-	Planned	



Personal Protective Equipment (PPE)

Countermeasure	Description	Responsible	Status	Due Date
Fall arrest harness and lanyard	Personal fall protection equipment including full-body harness, shock-absorbing lanyard, and secure anchor points.	Admin	Planned	2026-05-30



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Engineering Controls

Countermeasure	Description	Responsible	Status	Due Date
Guardrails and edge protection	Physical barriers at elevated work areas including top rails, mid-rails, and toe boards to prevent falls.	-	Planned	-



Administrative Controls

Countermeasure	Description	Responsible	Status	Due Date
Working at Height Certification	Ensuring all personnel are trained, certified, and medically fit for working at height, including rescue procedures.	-	Planned	-
Fitness-to-Work Checks	Implementing medical screenings and fitness assessments to ensure personnel are physically capable of performing the climb safely.	-	Planned	-
Pre-Use Functional Checks	Performing a functional check of equipment (e.g., testing the lift's emergency stop, checking a fall arrester's locking function) before each use.	-	Planned	-



Review History

Reviewer	Date	Trigger	Notes
Admin	2026-05-27	-	Created
Admin	2026-05-27	-	Submitted for approval
Admin	2026-05-28	-	Approved (v1)



Applicable Regulations

- **ArbSchG**

Arbeitsschutzgesetz — German Occupational Safety and Health Act. Requires employers to assess workplace risks (§5) and document risk assessments (§6).

- **DGUV Vorschrift 1**

Grundsätze der Prävention — General principles of prevention. Requires systematic risk assessment and documentation of protective measures.

- **BetrSichV**

Betriebssicherheitsverordnung — Industrial Safety Regulation. Governs safe use of work equipment and requires risk assessments for equipment-related hazards.

- **GefStoffV**

Gefahrstoffverordnung — Hazardous Substances Regulation. Requires risk assessment for activities involving hazardous substances.

- **ArbStättV**

Arbeitsstättenverordnung — Workplace Regulation. Requirements for workplace design and risk assessment of workplace conditions.

- **TRBS 1111**

Technische Regeln für Betriebssicherheit — Technical Rules for operational safety. Guidance on risk assessment methodology.

- **89/391/EEC**

Framework Directive on Safety and Health at Work. Establishes duty to assess risks (Art. 6, 9) and document protective measures.

- **89/654/EEC**

Workplace Directive — minimum safety and health requirements for the workplace.

- **89/655/EEC**

Work Equipment Directive — minimum requirements for use of work equipment.

- **89/656/EEC**

PPE Directive — requirements for use of personal protective equipment.

- **90/269/EEC**

Manual Handling Directive — risk assessment for manual handling of loads.

- **98/24/EC**

Chemical Agents Directive — risk assessment for chemical agent exposure.