Risk Assessment Matrix Template (5x5)

Site / Project		**Address**	
Inspector name		**Company**	
Date		**Time**	

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Jurisdiction: Global. 5x5 risk matrix is a widely used planning aid across jurisdictions. Adaptable to US OSHA workflows and UK HSE requirements.

Inspection checklist

Matrix configuration

Likelihood scale definition (1=Rare, 2=Unlikely, 3=Possible, 4=Likely, 5=Almost Certain)

Severity scale definition (1=Negligible, 2=Minor, 3=Moderate, 4=Major, 5=Catastrophic)

Risk score bands and color coding (1–4=Low/Green, 5–9=Medium/Yellow, 10–16=High/Orange, 17–25=Extreme/Red)

Hazard identification and rating

Hazard description

Who is at risk (employees, contractors, visitors, public)

Inherent likelihood score

Inherent severity score

Inherent risk score

Controls and residual risk

Existing controls

Planned additional controls (engineering, administrative, PPE)

Residual likelihood score after controls

Residual severity score after controls

Residual risk score

Action owner and due date

Review

Review date (quarterly minimum or after significant change)

Reviewer name and signature

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature ______________________ **Name** ______________________

Date ______________________

References consulted

HSE – Managing risk at work (HSG65)

ISO 31000:2018 Risk management - Guidelines

OSHA – Recommended Practices for Safety and Health Programs

HSE – Risk assessment template (Word)

Verify the current edition and local adoption before use.