

Project Risk Assessment Form - Engineering Projects

This **project risk assessment form** sample is designed specifically for engineering projects to identify, evaluate, and mitigate potential risks effectively. It helps project teams systematically analyze hazards and implement control measures to ensure project success and safety. Using this form enhances decision-making and promotes proactive risk management throughout the project lifecycle.

Project Information	
Project Name	Project Manager
Project Reference	Date
Phase/Stage	

Risk Assessment Table								
#	Risk Description	Potential Impact	Likelihood (Low/Medium/High)	Impact (Low/Medium/High)	Risk Level (L x I)	Mitigation Measures	Responsible Person	Status
1	Delay in material delivery	Project schedule overrun	Medium	High	Medium	Work with reliable suppliers, set buffer periods	Procurement Lead	Open
2	Design errors	Additional rework and costs	Low	High	Medium	Design reviews, peer checks, regular audits	Lead Designer	Open
3	Health & safety incidents	Injury, legal issues, work stoppage	Low	Very High	High	Strict adherence to safety protocols, training	HSE Manager	Open

Risk Assessment Key		
Likelihood	Impact	Risk Level
Low = Rare Medium = Possible High = Likely	Low = Minor impact Medium = Moderate impact High = Severe impact	Low = Acceptable Medium = Requires mitigation High = Immediate action

Approval & Review			
Name	Role	Signature	Date
	Project Manager		
	Safety Officer		