

DF 03 EHSS Risk mitigation plan

Use this template along with SOP 01 – EHSS risk management to document the EHSS risk assessment and risk management plan for EESL or individual projects.

Brief description of the operation or project for which the plan is being prepared

Hazard identification

Height work <i>Accident, work disruption, lockdown</i>	
Electrical <i>Accident, Work disruption, Lockdown</i>	
Environment <i>Water, Energy, Waste, Air, Biodiversity</i>	
Health <i>Occupational disease, Grievance</i>	
Safety <i>Accident, Incident, Lost time, Absenteeism, Partial/ complete disability, Fatality, Security</i>	
Community <i>Accident, Safety and security, Loss of equipment, Grievance, Service disruption</i>	

Risk assessment

Consider the hazards identified above and use the risk assessment matrix below as a guide to assess the risk level.

Likelihood	Consequence				
	Insignificant	Minor	Medium	Major/ High	Critical
Almost Certain	Medium	Medium	High	Extreme	Extreme
Likely	Low	Medium	High	High	Extreme
Possible	Low	Medium	High	High	High
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Low	Medium

Consequence	Description of Consequence
Insignificant	No action/treatment required
Minor	Minor injury requiring First Aid treatment
Moderate	Injury resulting in lost time or requiring medical treatment
Major/ High	Serious injury requiring medical treatment and/or hospitalisation
Critical/Extremely high	Loss of life, partial/full and/or permanent disability

Likelihood	Description of Likelihood
Rare	Will only occur in exceptional circumstances
Unlikely	Not likely to occur within the foreseeable future, or within the project lifecycle
Possible	May occur within the foreseeable future, or within the project lifecycle
Likely	Likely to occur within the foreseeable future, or within the project lifecycle
Almost Certain	Almost certain to occur within the foreseeable future or within the project lifecycle

Risk control

For the identified risks, detail the control measures that will be implemented by EESL/vendor/supply chain to eliminate or minimise the risk. Control measures should be implemented in accordance with the preferred hierarchy of control as mentioned below:

1. **Elimination:** remove the hazard completely from the workplace or activity
2. **Substitution:** replace a hazard with a less dangerous one (e.g. a less hazardous chemical)
3. **Redesign:** making a machine or work process safer (e.g. raise a bench to reduce bending)
4. **Isolation:** separate people from the hazard (e.g. safety barrier)
5. **Administration:** putting rules, signage or training in place to make a workplace safer (e.g. induction training, highlighting trip hazards)
6. **Personal Protective Equipment (PPE):** Protective clothing and equipment (e.g. gloves, hats)

Risk mitigation plan

S. No	Description of the risk	Risk rating	Control measures	KPIs for measuring performance
1.				
2.				
3.				
4.				
5.				

Reporting requirements

S. No	KPI/ Parameter to be reported	Department/person responsible for review	Frequency of reporting
1.			
2.			
3.			
4.			
5.			

Reporting requirements

Type of monitoring	Primary responsibility	Frequency	Required (yes/no)
Report on the KPIs	Project owner	Quarterly	
Audit by EHSS department on the KPIs	EHSS department	Half-yearly	
Third party audit	To be appointed by the EHSS department	Annual	

Approver of the risk mitigation plan

Plan prepared by:	Department:
Review completed by:	Department:
Signature:	Date of approval:

History of amendments

The latest versions of the Documentation Format must be used at all times. This page needs to be updated whenever there is a change in the version number of the documents.

S. No	Date of amendment	Version	Details of amendment
1.	DD.MM.YYYY	01	Initial approval of the documentation format

Prepared by

Approved by