

Health and Safety Risk Matrix

DETERMINING THE RISK LEVEL: Risk Level = Consequence Level x Likelihood Level

Potential Risk Exposure: For each risk, select the expected Consequence Level and the expected Likelihood Level assuming controls are either not in place or controls fail.

Residual Risk Exposure: For each risk, select the expected Consequence Level and the expected Likelihood Level given the type and effectiveness of the controls that are in place.

		LIKELIHOOD DESCRIPTION					
		LIKELIHOOD	The event may occur only in exceptional circumstances	Not expected but the event may occur at some time	The event could occur at some time	The event will probably occur in most circumstances	The event is expected to occur or has occurred and is continuing to impact
CONSEQUENCE DESCRIPTION	IMPACTS	Likelihood Level					
	Health and Safety		Rare	Unlikely	Possible	Likely	Almost Certain
	Fatality Permanent Total Disability	Critical				Extreme	
	Significant/extensive injury or illness. Permanent Partial Disability	Major			High		
	Serious injury or illness. Lost time injury >10 days	Moderate		Medium			
	Injury or illness requiring medical treatment Lost time injury <10 days	Minor	Low				
Injury or illness requiring First Aid treatment No lost time injury days	Insignificant						

Risk Response: Apply the appropriate response based on the assessed Risk Level

RISK MANAGEMENT ACTION	
RISK LEVEL	RESPONSE
Extreme	Immediate action required to reduce exposure. A detailed mitigation plan must be developed, implemented and monitored by senior management to reduce the risk to as low as reasonably practical.
High	A mitigation plan shall be developed and authorised by area manager or supervisor to reduce the risk to as low as reasonably practical. The effectiveness of risk control strategies shall be monitored and reported to management and relevant committee.
Medium	A mitigation plan shall be developed. Control strategies are implemented and periodically monitored.
Low	Manage by documented routine processes and procedures, monitor periodically to determine situation changes which may affect the risk