

Likelihood and Consequences of an Exposure

		Consequences				
		Insignificant (1) No injuries / minimal financial loss	Minor (2) First aid treatment / medium financial loss	Moderate (3) Medical treatment / high financial loss	Major (4) Hospitalable / large financial loss	Catastrophic (5) Death / massive financial loss
Likelihood	Almost Certain (5) Often occurs / once a week	Moderate (5)	High (10)	High (15)	Catastrophic (20)	Catastrophic (25)
	Likely (4) Could easily happen / once a month	Moderate (4)	Moderate (8)	High (12)	Catastrophic (16)	Catastrophic (20)
	Possible (3) Could happen or known it to happen / once a year	Low (3)	Moderate (6)	Moderate (9)	High (12)	High (15)
	Unlikely (2) Hasn't happened yet but could / once every 10 years	Low (2)	Moderate (4)	Moderate (6)	Moderate (8)	High (10)
	Rare (1) Conceivable but only on extreme circumstances / once in 100 years	Low (1)	Low (2)	Low (3)	Moderate (4)	Moderate (5)

Recommended Actions Based on the Risk Score

Risk Score	Risk Level	Acceptability of Risk	Recommended Actions
< 3	Low Risk	Acceptable	No additional risk control measures required. Continue to monitor to ensure the risk does not escalate to a higher level.
3 - 4	Medium Risk	Moderately Acceptable	Acceptable to carry out the work activity; however, tasks need to be reviewed to bring risk level to as low as reasonably achievable. Control measures must be implemented to reduce the risk. Supervisory oversight is required.
> 4	High Risk	Not Acceptable	Experiment cannot be performed until the risk level is reduced to the medium risk level. Control measures must be implemented to reduce the risk. Control measures must focus on elimination, substitution and engineering controls. Personal Protective equipment cannot be the sole risk control strategy. Immediate management intervention is required to ensure the risk is reduced to at least medium level prior to initiating the experiment.