

Risk Assessment Scoring Matrix

		Severity				
		Very Low	Low	Moderate	High	Very High
Safety		•No Injury	•First Aid / Medical Aid	•Lost Time Injury (LTI)	•Permanent Disability	• Fatality
Health		<ul style="list-style-type: none"> •Reversible health effects (e.g. dizzy, headache, minor irritations, etc.) •Comparable to report only •Below detectable limits 	<ul style="list-style-type: none"> •Reversible health effects (e.g. skin, eye, mucous membrane, sun burn etc.) •Comparable to first aid or medical-aid •Below action limits 	<ul style="list-style-type: none"> •Serious reversible health effects (e.g. MSD, heat exhaustion, vibration effects, etc.) •Comparable to LTI •Between action limits and OELs 	<ul style="list-style-type: none"> •Irreversible health effects and illness (e.g. hearing or respiratory impairment, etc.) •Above OELs 	<ul style="list-style-type: none"> •IDLH - Immediately Dangerous to Life & Health (e.g. asphyxiation, poisoning, etc.) • Severe life shortening illness (e.g. carcinogens, mutagens, etc.)
Probability of Occurrence	Almost Certain Expected to occur most times	Moderate	Moderate	High	Very High	Very High
	Likely Probably occur most times (1 in 10)	Low	Moderate	High	High	Very High
	Possible Should occur sometimes (1 in 100)	Low	Low	Moderate	High	High
	Unlikely Could occur at some times (1 - 1000)	Very Low	Low	Low	Moderate	Moderate
	Almost Impossible May only occur at exceptional times (facility lifetime)	Very Low	Very Low	Low	Low	Moderate

Time Frame	Risk Appetite - Action Required
Immediate	Very High: Immediately dangerous: stop the process and implement controls
Immediate	High risk: investigate the process and implement controls immediately
1 months	Moderate risk: keep the process going; however, a control plan must be developed and should be implemented as soon as possible
3 months	Low risk: keep the process going, but monitor regularly. A control plan should also be investigated
6 months	Very low risk: keep monitoring the process