



## ACTIVITY RISK ASSESSMENT

### Consider the Consequences – C

What are the consequences of this event occurring? Consider what could reasonably happen with existing controls in place or if an incident has occurred consider what could have reasonably happened as well as what actually happened.

5. **Extreme:** death or permanent disability to one or more persons
4. **Major:** hospital admission required
3. **Moderate:** medical treatment required or regulatory non-compliance
2. **Minor:** first aid required
1. **Insignificant:** injuries not requiring first aid – no treatment needed

### Consider the Likelihood – L

Likelihood factors attempt to measure the frequently with which events might be expected to occur taking to account the effectiveness of existing control measures.

- A. **Almost certain:** expected to occur in most circumstances
- B. **Likely:** will probably occur in most circumstances
- C. **Possible:** could occur at some time
- D. **Unlikely:** is not likely to occur in normal circumstances
- E. **Rare:** may occur only in exceptional circumstances

### Calculate the Risk – R

1. Take the consequences rating (1-5) and select the correct column
2. Take the likelihood rating (A-E) and select the correct row
3. Select the risk rating where the two ratings cross on the matrix below.

**VH** = Very high, **H** = High, **M** = Medium, **L** = Low

RISK MATRIX

		CONSEQUENCE				
		C1	C2	C3	C4	C5
LIKELIHOOD	A	M	M	H	VH	VH
	B	L	M	M	H	H
	C	L	M	M	H	H
	D	L	L	M	M	H
	E	L	L	L	L	M

RISK LEVEL	REQUIRED ACTION	NOTES
Very High	Stop immediately	Act immediately the proposed task or process activity must not proceed. Steps must be taken to lower the risk level to as low as practical using the hierarchy of risk controls
High	Extreme Caution 1 month max	The proposed task or process activity can only proceed under a restricted operation with temporary controls in place for a maximum of 1 month
Medium	Caution 1 term max	The proposed task or process activity can only proceed under a restricted operation with temporary controls in place for a maximum of 1 term
Low	OK	The proposed task or process activity can proceed with the existing control in place