

RISK ASSESSMENT CALCULATOR

Likelihood		Consequences				
		Catastrophe	Major	Moderate	Minor	Insignificant
		5	4	3	2	1
Almost certain	A					
Very Likely	B					
Quite Likely	C					
Occasionally	D					
Rare	E					

Consequence		
Level	Descriptor	Description
1	Insignificant	No injuries, low financial loss
2	Minor	First aid treatment, on site release immediately contained, medium financial loss
3	Moderate	Medical treatment required, on site release contained with outside assistance, high financial loss
4	Major	Extensive injuries, loss of production capability, offsite release with no detrimental effects, major financial loss
5	Catastrophic	Death, toxic release with detrimental effect, huge financial loss

Probability		
Level	Descriptor	Description
A	Almost certain	The event is expected to occur in most situations
B	Very Likely	The event will probably occur in most situations
C	Quite Likely	The event should occur at some time
D	Occasionally	The event could occur at some time
E	Rare	The event may occur only in exceptional situations

Example:

A level of risk with a consequence value which is judged to be minor (2) and a probability value which is judged to be unlikely (D) would have a risk assessment category (RAC) of 2D.