

Legend - Risk Assessment

Columns C & D - Exposure & Occurrence: Select the description (1-6)

C. Likelihood of exposure	D. Likelihood of occurrence
1 - Continuous	1 - Very likely (has happened/is expected)
2 - Frequent	2 - Likely (probable - it could happen)
3 - Occasional (1 per week)	3 - Rare (seldom, but possible)
4 - Unusual (1 per month)	4 - Very Rare (very seldom, but possible)
5 - Rare (few per year)	5 - Very Unlikely (slight possibility)
6 - Very Rare (yearly or less)	6 - Practically Impossible

Exposure (1 - 6) + Occurrence (1 - 6) = Probability (A - E)

Column E - Probability: is the combination of likelihood of exposure and the likelihood of occurrence. Locate the number (1-6) down the left side of the chart that describes the likelihood of exposure of the hazard. Locate the number that describes the likelihood of occurrence across the top of the chart. The box where they meet (A-E) is the probability rating.

		Likelihood of Occurrence					
		1	2	3	4	5	6
Likelihood of Exposure	1	A	A	B	C	C	D
	2	A	B	B	C	D	D
	3	B	B	C	D	D	D
	4	B	C	C	D	D	E
	5	C	C	D	D	E	E
	6	C	D	D	E	E	E

Column F - Determination of Risk: is the combination of probability of an injury/illness and the

E. Probability	F. Consequences
A - common or repeating occurrence	1 - fatality or permanent disability, significant loss
B - known to occur or "has happened" happening"	2 - serious injury or illness w/lost time or other loss
D - not likely to occur	3 - moderate injury or illness w/lost time or other loss
E - practically impossible	4 - minor injury or illness w/o lost time or other loss
	5 - no injury, illness, lost time or other loss

Probability + Consequences = Determination of Risk (1 - 25)

		Probability				
		A	B	C	D	E
Consequences	1	1	2	4	7	11
	2	3	5	8	12	16
	3	6	9	13	17	20
	4	10	14	18	21	23
	5	15	19	22	24	25

Column G - Risk Rating: is the number where the Probability letter meets the Consequences number on the chart above. The Risk Rating (H, M, L) helps determine the priority for determining controls.

HIGH = 1 - 6

Serious or significant hazard - a high priority for immediate controls or elimination.

MEDIUM = 7 - 15

Moderate hazard - medium priority for controls as soon as possible.

LOW = 16- 25

Minor hazard - lower priority for controls after higher priorities.