

Risk Assessment Matrix

PROBABILITY & SEVERITY = RISK (HAZARD RISK RANKING)

(this matrix must be used in conjunction with the *Hazard Identification and Control Risk Assessment Procedure*)

Step (1) Severity (Potential)	
Category	Considerations
	Workplace Health and Safety
I	Workplace Fatality
II	Serious Injury to Workers (e.g.,) Lost time/permanent disability
III	Moderate Injury to Workers (e.g.,) Medical Treatment
IV	Minor impact to Workers (e.g.,) First Aid

Step (2) Probability	
Category	Definition
A	Possibility of Repeated Incidents (e.g., Daily, continuous or frequent)
B	Possibility of Occurring Sometime (e.g., once per week to once per month)
C	Possibility of Isolated Incidents (e.g., occurring a few times a year)
D	Not Likely to Occur (e.g., once per year)
E	Practically Impossible (e.g., highly unlikely, but remotely possible)

Step (3) Hazard Risk Ranking						
Severity	Probability					
	A	B	C	D	E	
I	1	2	5	6	10	10.5
II	3	4	7	11	15	
III	8	9	12	16	18	
IV	13	14	17	19	20	
Priority	Major		Moderate		Low Hazard	