

QUANTIFICATION OF RISK

The quantification of risk into classifications of **HIGH, MEDIUM** or **LOW** is a useful guide to establish priorities for action. Below is an industry established matrix which can be used to give a risk ranking to any of the hazards identified. Once a ranking has been assigned then this information can be transferred on to the Risk Assessment form.

RISK CALCULATOR

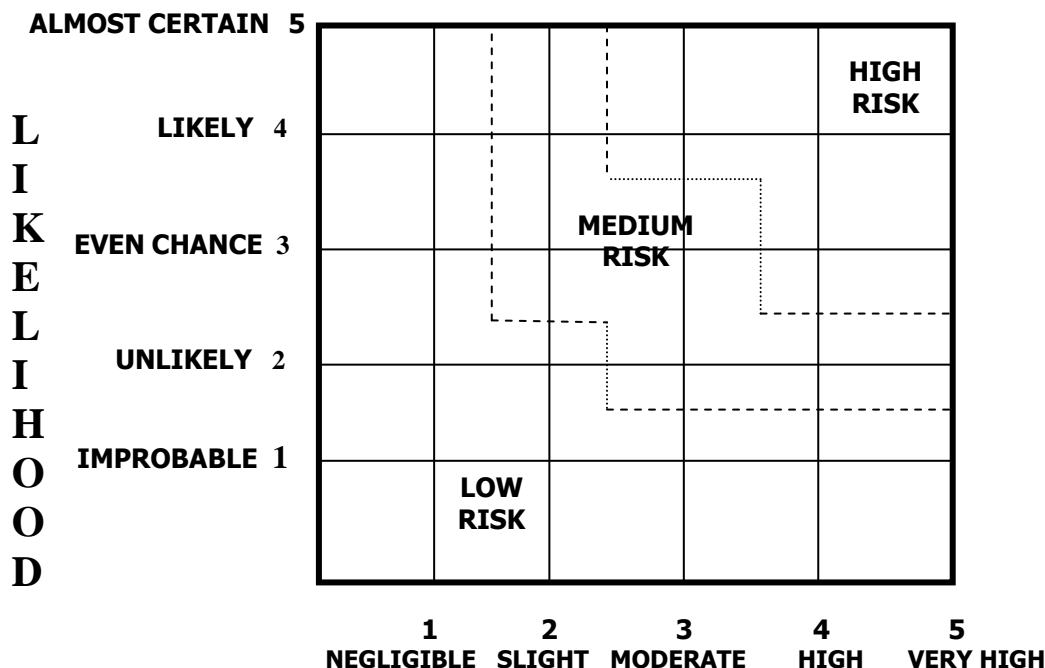


TABLE 1 CONSEQUENCE / SEVERITY

VALUE	TERM	SEVERITY
5	Very High	Death / Permanent Incapacity / Widespread Loss
4	High	Major Injury (reportable) / severe incapacity / serious loss
3	Moderate	Injury / Illness requiring 3 days or more absence / moderate loss
2	Slight	Minor injury / illness – immediate first aid only / slight loss
1	Negligible	No injury / trivial injury / trivial illness / loss

TABLE 2 LIKELIHOOD

VALUE	TERM
5	Almost Certain
4	Likely
3	Even Chance
2	Unlikely
1	Improbable

USING THE RISK CALCULATOR

1. Look at Table 1 and establish the degree / severity of hazard
2. If the likely outcome is permanent incapacity select No 5 the **VERY HIGH** category
3. Determine the likelihood of the hazard being realised using Table 2.
4. Using the Risk Assessment chart read along and up the appropriate **LINE** for the chosen category.

The point where the lines intersect will be either in the **LOW, MEDIUM** or **HIGH** categories.

With the Risk Ranking established it can be transferred to the Risk Assessment Form.