

RISK ASSESSMENT RATING SYSTEM



The rating system is based on two factors - Severity and Probability.

1. Severity – the level of injury which could occur as a result of a hazard.
2. Probability - the likelihood of that hazard occurring.

The total risk rating is then calculated by multiplying the two numbers together. The highest total risk is 16 and the lowest is 1. The 'Risk After' column uses the same calculations but takes into account the actions that have been included in the risk assessment.

Value	Severity	Value	Probability	Value	Total Risk
1	Negligible – Hazard will not result in serious injury or illness, remote possibility of damage or injury beyond minor first-aid case.	1	Extremely Remote- Unlikely to occur	1-4	Acceptable Risk
2	Marginal - Hazard can cause illness, injury or equipment damage, but the results would not be expected to be serious	2	Remote- May occur in time	5-8	Low Risk - Activity Guidelines must be followed
3	Critical - Hazard can result in serious illness, severe injury, property or equipment damage	3	Reasonably probable - Probably will occur in time	9-12	High Risk - Activity must be carefully controlled to reduce risk
4	Catastrophic - Imminent danger exists, hazard capable of causing death or illness on a wide scale	4	Probable - likely to occur immediately	13-16	Unacceptable Risk - Activity cannot continue