



RISK ASSESSMENT

Understanding The Rating System

The rating system is based on two factors - Severity and Probability. Severity is a level of injury which could occur as a result of a hazard. Probability is the likelihood of that hazard occurring. The total risk rating is then calculated by multiplying the two numbers together. As the two ratings are scored between 1 and 4, the highest total risk is 16 and the lowest is 1. These numbers dictate the level of risk as dictated by the tables below.

SEVERITY	VALUE
Catastrophic - Imminent danger exists, hazard capable of causing death or illness on a wide scale	4
Critical - Hazard can result in serious illness, severe injury, property or equipment damage	3
Marginal - Hazard can cause illness, injury or equipment damage, but the results would not be expected to be serious	2
Negligible - Hazard will not result in serious injury or illness, remote possibility of damage or injury beyond minor first-aid case.	1

PROBABILITY	VALUE
Probable - likely to occur immediately	4
Reasonably probable - Probably will occur in time	3
Remote- May occur in time	2
Extremely Remote- Unlikely to occur	1

TOTAL RISK	VALUE
Unacceptable Risk - Activity cannot continue	13 - 16
High Risk - Activity must be carefully controlled to reduce risk	9 - 12
Low Risk - Activity Guidelines must be followed	5 - 8
Acceptable Risk	1 - 4