

## Risk Assessment Code Matrix (RAC)

Probability Code \ Severity Code		Frequent (A)	Likely (B)	Occasional (C)	Rarely (D)
		Catastrophic	I	1 <b>CRITICAL</b>	1
Critical	II	1	2 <b>SERIOUS</b>	3	4
Significant	III	2	3 <b>MODERATE</b>	4 <b>MINOR</b>	5
Minor	IV	3	4	5	5 <b>NEGLIGIBLE</b>

### Risk Assessment Code (RAC)

#### Severity Code

- Catastrophic (I)** Imminent and immediate danger of death or permanent disability.
- Critical (II)** Permanent partial disability, temporary total disability.
- Significant (III)** Hospitalized minor injury, reversible illness.
- Minor (IV)** First aid or minor medical treatment.

#### Hazard Probability

- Frequent (A)** Immediate danger to health and safety of the public, staff or property and resources.
- Likely (B)** Probably will occur in time if not corrected, or probably will occur one or more times.
- Occasional (C)** Possible to occur in time if not corrected.
- Rarely (D)** Unlikely to occur; may assume exposure, will not occur.

#### Definitions

- Probability** The likelihood that a hazard will result in a mishap or loss (Exposure in terms of time, proximity, and repetition).
- Severity** The worst credible consequence that can occur as a result of a hazard.
- Hazard** Any real or potential condition that can cause injury, illness or death of personnel, or loss and damage to equipment.
- Risk** An expression of possible loss in terms of severity and probability (associated with human interaction).