

Frequency of occurrence of a hazardous event	
Frequent	Undesirable
Probable	Tolerable
Occasional	Tolerable
Remote	Negligible
Improbable	Negligible
Incredible	Negligible
	Insignificant

Frequency level	Description
A: Frequent	Likely to occur frequently. The hazard will be continually experienced.
B: Probable	Will occur several times. The hazard can be expected to occur often.
C: Occasional	Likely to occur several times. The hazard can be expected to occur several times
D: Remote	Likely to occur sometime in the system life cycle. The hazard can reasonably expect to occur.
E: Improbable	Unlikely to occur but possible. It can be assumed that the hazard may exceptionally occur.
F: Incredible	Extremely unlikely to occur. It can be assumed that the hazard may not occur

### Risk Acceptance Categories

Intolerable	Intolerable
Undesirable	Intolerable
Undesirable	Undesirable
Tolerable	Undesirable
Negligible	Tolerable
Negligible	Negligible
<b>Marginal</b>	<b>Critical</b>

Range(Failure/Hour)
$> 10^{-3}$
$10^{-3} \geq > 10^{-4}$
$10^{-4} \geq > 10^{-5}$
$10^{-5} \geq > 10^{-7}$
$10^{-7} \geq > 10^{-9}$
$\leq 10^{-9}$

Intolerable
Intolerable
Intolerable
Undesirable
Undesirable
Tolerable
<b>Catastrophic</b>

Severity Category	Consequences
1: Catastrophic	Fatalities and/or multiple severe injuries
2: Critical	Single fatality and/or severe injury or Loss of major system
3: Marginal	Minor injury and/or sever system(s) damage
4: Insignificant	Possible minor injury or minor system damage