Risk Assessment Matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Low	Moderate	Significant	Extreme	Extreme
Likely	Low	Low	Moderate	Significant	Extreme
Possible	Negligible	Low	Moderate	Significant	Extreme
Unlikely	Negligible	Negligible	Low	Moderate	Significant
Very Unlikely	Negligible	Negligible	Low	Moderate	Moderate

Risk Consequence

Risk Consequence	Design Consequence Descriptors
E- Catastrophic	Could result in fatality.
D – Major	Could result in permanent total disability.
C - Moderate	Could result in permanent partial disability, injuries or illness that may result in hospitalisation of persons.
B - Minor	Could result in injury or illness resulting in one or more lost work days(s) or mitigatable.
A – Insignificant	Could result in injury or illness not resulting in a lost work day.

Likelihood Descriptors

Likelihood Descriptor	**Design Likelihood Descriptors**
5 – Almost Certain	Industry experience suggests design failure is almost certain to occur during the life of the product.
4 – Likely	Industry experience suggests design failure is likely to occur during the life of the product.
3 – Possible	Industry experience suggests design failure is possible some time during the life of the design.
2 – Unlikely	Industry experience suggests design failure is unlikely to occur in the life of design.
1 – Very Unlikely	Industry experience suggests design failure is very unlikely. It can be assumed failure occurrence may not be experienced,

Note: Select the MOST PROBABLE likelihood descriptor for the information available. Consequence should be assessed first so the likelihood rating is the likelihood of the selected consequence occurring.

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