Risk Assessment Matrix*

SAFETY ENGINEERING SEAC & ANALYSIS CENTER

Severity of Consequences				Probability of Mishap**					
Category / Descriptive Word	Personnel Injury / Illness	Equipment Loss $	Down Time	F Eliminated	E Improbable	D Remote	C Occasional	B Probable	A Frequent
I Catastrophic	Death or Permanent Total Disability	>10M	>4 Mo						1
II Critical	Severe Injury or Severe Illness	1M to 10M	2Wks to 4Mo				2		
III Marginal	Minor Injury or Minor Illness	100k to 1M	1 Day to 2Wks		3				
IV Negligible	No Injury or Illness	<100K	<1 Day		4				

*Adapted from MIL-STD-882 **Life Cycle: Personnel: 30 yrs / Others: Project Life

Risk Code/ Actions ⇨ 1 Imperative to suppress risk to lower levels; 2 Operation requires written, time-limited waiver, endorsed by management; 3 Operation permissible; 4 Low

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