

The following risk ranking criteria are used to assess the level of risk for the various aspects involved in a design. Higher risks require increased levels of control.

Consequence		Safety
Substantial	Cannot achieve key team or major program milestone, > x days	Class 1 (Fatal Incident)
Major	Major slip in key milestone or critical path impacted; X-X Days Slip	Class 1 (Permanent Injury)
Moderate	Major slip in key milestone; not able to meet needed date, X-X Days Slip	Class 2 (Lost Injury Time)
Minor	Additional resources/re-planning required to meet need/key date, X-X Days Slip	Class 3 (Minor injury, medical treatment required)
Negligible	Minimal or no key impact on dates, X-X Days Slip	Class 3 (Slight injury First Aid)

Risk	Probability	
	Almost Certain	Threat can be expected to occur. 75%-99%
	Likely	Threat will quite commonly occur. 50%-75%
	Possible	Threat may occur occasionally. 25%-50%
	Unlikely	Threat could infrequently occur. 10%-25%
	Rare	Threat may occur in exceptional circumstance. 0%-10%

	Extreme Threat
	Very High Threat
	High Threat
	Moderate Threat
	Low Threat

5	10	18	23	25
4	9	17	20	24
3	8	13	19	22
2	7	12	15	21
1	6	11	14	16
Negligible	Minor	Moderate	Major	Substantial

Section 1 – Plant Hazard

Section 2 – Where plant hazard exists

Section 3 – When exposure is likely to occur, During Operation, Maintenance, or both.

Section 4 – Consequences, Likelihood, and risk rating

Section 5 – Existing controls and Comments

Section 6 – Residual risk considering controls being implemented after considering applicable legislation, codes, standards, etc.

[illegible]

Isolation of electrical energy sources	Electrical equipment in excavator, including maintenance, servicing of machine	During operation & maintenance	Substantial	Possible	Very High	Use of mandatory isolation and lock out procedure whilst servicing electrical equipment on machine	Substantial	Rare	High
Slips/trips/falls									
Uneven or slippery work or access surfaces entering or exiting plant	Access or exiting Excavator	During operation & maintenance	Moderate	Possible	High	Ensure excavator is kept clean from all grease and oils. Ensure all entry/exit surfaces are non-slip. Three-point contact when entering and exiting. Handrails fitted for access to filler point	Moderate	Rare	Moderate

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