

TABLE 3 - QUALITATIVE MEASURES OF CONSEQUENCES

People Safety		
Insignificant	1	No lost time
Minor	2	Minor lost time injury or illness
Moderate	3	Moderate lost time injury or illness
Major	4	Serious lost time injury or illness
Catastrophic	5	Fatality or permanent disability
Equipment or Assets		
Insignificant	1	Less than \$5k damage
Minor	2	\$5k to \$50k damage
Moderate	3	\$50k to \$100k damage
Major	4	\$100k to \$500k damage
Catastrophic	5	More than \$500k damage
Production/Cost/Time/Quality		
Insignificant	1	Less than \$5k delay or rework
Minor	2	\$5k to \$50k delay or rework
Moderate	3	\$50k to \$100k delay or rework
Major	4	\$100k to \$500k delay or rework
Catastrophic	5	More than \$500k production delay
Possible Environmental Consequences		
Insignificant	1	No environmental effects
Minor	2	Theoretically could affect the environment or people but unlikely. Public complaints unlikely. Unlikely to affect legal compliance.
Moderate	3	Water, soil or air likely to be affected, probably in the short term. No damage to flora or fauna. Public complaints unlikely. Prosecution unlikely. Damage costs less than \$5,000.
Major	4	Water, soil or air affected badly, possibly in the long term. Damage or death to limited numbers of flora or fauna. Public complaints likely. Damage or relocation of archaeological/heritage property. Likely prosecution. Damage costs between \$5,000 and \$50,000.
Catastrophic	5	Long-term damage to water, soil or air. Damage or death to significant numbers of flora or fauna. Many public complaints, possible evacuation. Destruction of archaeological/heritage property. Almost certain environmental prosecution. Damage costs exceeding \$50,000.

TABLE 5 - EFFECTIVENESS OF CONTROL METHOD

IN ASSESSING RESIDUAL RISK CONSIDER EFFECTIVENESS OF PREVENTION OR CONTROL MEASURES	
Absolute - A	Fully effective in preventing or removing the risk.
Very Good - VG	Prevents or removes most of the risk.
Good - G	Removes or prevents about half the risk.
Fair - F	Removes or prevents some of the risk.
None - N	No change.

TABLE 1 - CATEGORY OF ITEMS AT RISK

CATEGORY	DESCRIPTION
EMP	Project Employee
PUB	Public and / or stakeholder / client employees
TPE	Plant and equipment controlled by Thiess
OPE	Plant and equipment controlled by others
ENV	Existing natural environment
SOC	Social impacts.
PRD	Productivity of project and for existing operation

TABLE 2 - QUALITATIVE MEASURES OF PROBABILITY

Almost Certain	A	The event is expected to occur in most circumstances.
Likely	B	The event will probably occur in most circumstances.
Moderate	C	The event should occur at some time.
Unlikely	D	The event could occur at some time.
Rare	E	The event may occur only in exceptional circumstances.

TABLE 4 - CONTROL METHOD OPTIONS

OPTION	METHOD	DETAILS
A	Design	Hazards to be designed out and control measure to be designed in.
B	Substitution	Replace the hazardous process.
C	Redesign	Redesign the hazardous process.
D	Separation	Isolate the hazard from those at risk.
E	Administration	Adjust the time or conditions or risk exposure.
F	Contract	Fully assess capability of subcontractors prior to engagement. Include control measures into contract conditions.
G	Training	Implement training programme. Work Activity Briefing (WAB). Job Safety & Environment Activity (JSEA).
H	Supervision	Adequate supervision.
I	Work Procedure	Implement Work Procedures to control the process.
J	Inspection	Inspection to ensure effectiveness of controls.
K	Audit	Implement programme of audit to monitor process.
L	Review	Management Reviews, Safety & Environment Meetings.
M	PPE	Issue appropriate Personal Protective Equipment.

ENSURE CONTROLS DO NOT CREATE A NEW AND MORE SERIOUS RISK!