



**RISK MATRIX**

LIKELIHOOD		CONSEQUENCE				
Rating	Definition	Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain	Common Occurrence	Significant	Significant	High	High	High
Likely	Known to Occur	Medium	Significant	Significant	High	High
Possible	Could Occur	Low	Medium	Significant	High	High
Unlikely	Not likely to Occur	Low	Low	Medium	Significant	High
Rare	Almost Impossible	Low	Low	Medium	Significant	Significant

CONSEQUENCE	INJURY	ENVIRONMENTAL	PRODUCTION	FINANCE
Insignificant	Not likely to cause injury.	Minor localised spill.	Zero effect on schedule.	Low financial loss (<\$1,000).
Minor	First Aid Case.	On-site release immediately contained.	Minor schedule adjustment.	Medium financial loss (>\$1,000<\$10,000)
Moderate	Medical treatment or Restricted duties incident.	On-site release with detrimental short term effects. Off-site release immediately	Significant effect on schedule.	High financial loss (>\$10,000<\$50,000)
Major	Lost time injury.	Off-site release with detrimental short term effects.	Major effect on schedule.	Major financial loss (>\$50,000<\$100,000)
Catastrophic	Fatality or Permanent disability.	On or Off-site release with detrimental long term effects.	Production ceased.	Huge financial loss (>\$100,000)

RISK RATING	REQUIRED ACTIONS	JHEA APPROVALS
Insignificant	JHEA reviewed by Supervisor or leading hand.	Supervisor or L/Hand
Minor	Hazard controls reviewed by Supervisor.	Supervisor
Moderate	Hazard controls to be reassessed by Supervisor to reduce risk rating. Involvement by Operations Manager.	Supervisor
Major	Additional planning and risk assessment by Supervisor required. Involvement by Operations Manager / HSEQ Manager.	Operations Manager