



JOB HAZARD ANALYSIS (JHA)

Created by:	Name	JHA Title:	Title	Date Created: YYYY-MM-DD
Version Rev'd / App'd by:	Reviewed by / Approved by	Role Title:	Title / Title	
Project Manager:	Name			

Required PPE	Specialty PPE (if required)	Pre-Task Requirements:
•	•	<ul style="list-style-type: none"> Review of JHA Workers to complete FLHA card / Foreman to review and sign-off

LIKELIHOOD:			SEVERITY:							
Level	Likelihood	Description	Consequence Risk Matrix							
			Regimes	Health and Safety	Environmental Impacts	Financial and Asset Loss	Reputation Damage	Production/Projects	Information Technology	
1	Rare	Not expected to occur but still possible.	Potential Consequence	Catastrophic (5)	One or more fatalities. Irreversible health problems for employees and/or community	On or off-site spill causing groundwater pollution, with detrimental long-term effects	Severe financial loss or asset loss replacement cost impact (>\$2 million)	International loss of reputation/damaging international TV exposure with impact on customers	Indefinite cessation of production activity/ extended project schedule slip of >75% of plan	Significant failure and operational downtime with permanent loss of critical data integrity
2	Remote	Not likely to occur under normal circumstances.		Major (4)	Partial or medium-term disabilities with major health problems for employees	On or off-site release, contained with medium term effects on community health and/or ground water	Major financial loss or asset cost impact. (> \$1 million but < \$2 million)	National loss of reputation/damaging national TV exposure with impact on customers	Long term production cutback /project schedule slip of 40-75% of plan	System failure and operational downtime, with loss of critical data integrity and or confidentiality
3	Occasional	Possible or known to occur.		Moderate (3)	Lost time injuries or potential medium-term health problems for employees	On site release contained and restored with medium-term effects on employees/groundwater	Moderate financial loss or asset cost impact. (> \$100,000 but < \$1 million)	Regional loss of reputation/Local TV and newspaper reports with impact on customers	medium term production cutback /project schedule slip of 20-39% of plan	System downtime with operational impact, restricted loss of data integrity and or confidentiality
4	Frequent	Common occurrence.		Minor (2)	Minor, very short-term concerns or recordable injury cases	On site release, immediately contained and restored with short term effects	Tolerable financial loss or asset cost impact. (> \$10,000 but < \$100,000)	Loss of regional reputation by word of mouth regarding safety performance or treatment of workers	Short term production cutback /minor project schedule slip of 10-19% of plan	Limited downtime recoverable data loss with limited operational impact and no security breach
5	Almost Certain	Continual or repeating experience.		Negligible (1)	Inherently safe. Unlikely to cause health problems	Minor localized spill with insignificant effects on employees and/or community	Relatively low financial loss or asset cost impact. (< \$10,000)	Unsubstantiated rumors with light to moderate impact on reputation	Very short term production cutback /project schedule slip of <10% of plan	Limited downtime recoverable data loss. Workaround possible and no security breach



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RISK MATRIX

Likelihood/Severity	Rare (1)	Remote (2)	Occasional (3)	Frequent (4)	Almost Certain (5)
Catastrophic (5)	5	10	15	20	25
Major (4)	4	8	12	16	20
Moderate (3)	3	6	9	12	15
Minor (2)	2	4	6	8	10
Negligible (1)	1	2	3	4	5

ACTIONS FOR RISK LEVELS

Risk Level	Risk Acceptability	Recommended Actions
Low Risk	Acceptable	<ul style="list-style-type: none"> No additional risk controls may be needed. Frequent review and monitoring of hazards to ensure risk level is accurate and doesn't increase.
Moderate Risk	Tolerable	<ul style="list-style-type: none"> Management attention is required. A careful evaluation of hazards should be carried out to ensure risk level is as low as reasonably practicable. Interim control measures may be implemented while longer term measures are being established.
High Risk	Not Acceptable	<ul style="list-style-type: none"> Management review is required before work may commence. High level risk must be reduced before work may commence.

NO.	TASK SEQUENCE	HAZARDS	RATING W/O CONTROLS	CONTROLS TO REDUCE OR ELIMINATE HAZARD (Engineering, Administrative, PPE)	RATING W/ CONTROLS
1.		•	1	•	1
2.		•	2	•	2
3.		•	3	•	3
4.		•	4	•	4
5.		•	5	•	5
6.		•	6	•	6
7.		•	10	•	7
8.		•	15	•	8
9.		•	20	•	9
10.		•	25	•	10

Note: If at any point any unforeseen hazard presents itself the supervisor shall halt the work until a decision is made on how to proceed safely.



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SIGN OFF FOR PERSON(S) CARRYING OUT THIS PROCESS ON THE WORK SITE:

Name(s):	Signature:	Date:
_____	_____	_____
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