

HEALTH, SAFETY AND ENVIRONMENT (HSE) RISK ASSESSMENT

JOB LOCATION:	APPROVAL				RA REF #: REV DATE: REV NO.: RA VALID UNTIL:
	FOR USE BY CONTRACTOR		FOR USE BY ANGOSTURA		
	ANGOSTURA PERFORMING AUTHORITY (APPROVED BY)				
	NAME:		NAME:		
			SIGNATURE:		
	DATE:		DATE:		
ASSESSMENT TEAM:	HSSE DEPARTMENT (REVIEWED BY)				
			NAME:		
		SIGNATURE:			
		DATE:			

SCOPE OF WORK

DETAILS OF PRIMARY HAZARDS

Health, Safety and Environment Risk Assessment Matrix¹

		Guidance on Estimating Likelihood ²		1	2	3	4	5
		Situations	Frequency of Incidents & At-Risk Behaviours ³	Hurt/No potential for environmental impact	First Aid/ Potential for environmental impact	Recordable ⁴ / Minor localized environmental impact	Irreversible ⁵ / Major localized environmental impact	Fatality/ External environmental impact
Likelihood (of injury or illness) ²	5 Almost Certain	Controls are missing or not implemented. No risk awareness.	Very Frequent	5 Medium Risk	10 Medium Risk	15 High Risk	20 Extreme Risk	25 Extreme Risk
	4 Likely	Controls are ineffective. Minimal risk awareness.	Frequent	4 Low Risk	8 Medium Risk	12 High Risk	16 High Risk	20 Extreme Risk
	3 Possible	Heavily reliant on unreliable organisational controls.	Occasional	3 Low Risk	6 Medium Risk	9 Medium Risk	12 High Risk	15 High Risk
	2 Unlikely	Workplace and task are optimized. Reliable controls are in place.	Rare	2 Low Risk	4 Low Risk	6 Medium Risk	8 Medium Risk	10 Medium Risk
	1 Rare	Safe by design. Nearly impossible to get hurt.	None	1 Low Risk	2 Low Risk	3 Low Risk	4 Low Risk	5 Medium Risk

How to interpret risk levels?












Extreme Risk	20 to 25	Not tolerable: Stop activity. Immediate action required
High Risk	12 to 16	Not tolerable: Urgent management attention required with short term plans to correct
Medium Risk	5 to 10	Not tolerable: Management attention required with long term plans to correct
Low Risk	1 to 4	Tolerable: However, action may be required (if not compliant to standard)

Notes:

- To be used in the following sequence: i) Identify the incident scenario, ii) Determine Potential Severity, iii) Estimate Likelihood, iv) Read off Risk Level.
- When estimating Likelihood, consider the size of the exposed population, and the frequency and duration of their exposure to the source of risk.
- When considering incidents, ensure to include near misses. But remember that the number of reported near misses and at-risk behaviours will depend on the level of HSE awareness - and quality of the "reporting culture". Wherever possible involve the exposed population in the risk assessment and ask for their input on frequencies.
- "Recordable" injuries & illnesses are those that require: i) medical treatment beyond first aid, ii) restricted work, or iii) lost time.
- "Irreversible" injuries are those that result in: i) amputations, ii) permanent/partial disability, or iii) permanent disfigurement.

Potential Severity (of injury, illness or environmental impact)

PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED

<input checked="" type="checkbox"/> if required											
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If there is any other PPE required, please list here: [Click or tap here to enter text.](#)

#	Steps/Activity	Hazard	Effect	Consequence (C) (1 – 5)	Likelihood (L) (1 -5)	R = C x L	Control/Mitigation Strategy	Consequence (C) (1 – 5)	Likelihood (L) (1 – 5)	R = C x L	Action By	Comments

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