

Title	Risk Assessment Exercise				
Target Population	Field Engineers & Field Specialists				
This requirement is applicable to:	✓	JFE		FST	EOT
	✓	FE1	✓	FS1	EO1
	✓	FE2	✓	FS2	EO2
			✓	FS3	EO3
					✓ GEO

Objective:

The objective of this task is to train the employees on how to apply the principles of Risk Management to an actual operational risk situation in CT operations.

Tasks:

- Identify operational risks in a job at location
- Write a risk management plan to safely operate in the face of the identified risk
- Gain an expert comment on the risk whenever required and obtain the appropriate management approval to perform the job.

Please attach a risk management plan as an evidence.

Note:

- Exemptions are exclusively used to obtain “permission” for operations that violated the conditions of safety standard.
- Exemptions are required to be created, documented and communicated across the team to increase awareness on that particular risks.

REQUIRED EVIDENCE:**1 Risk Management Plan**

OVERALL SCORE	STRONG		ADEQUATE			IMPROVEMENT NEEDED		
	10	9	8	7	6	5	4	3

MENTOR / ASSESSOR's Comments & Recommendation:

Objective met, task completed

Signature		Assessment Date	13/10/24
Name	KUNG YEE HAN	Position	TECHNICAL ADVISOR

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FSM / OM Comments & Recommendation:

Manage to identify risk and reduce the job risk.

Signature		Assessment Date	13/10/24
Name	M. KHAIRUL RIDHWAN AZIZAT CTS FIELD SERVICE MANAGER Dimension Bid (M) Sdn Bhd	Position	PSM

Activity Steps	Hazard Description and Worst-Case Scenario without Control Measures	Affected Categories / Severity	Likelihood	Severity	Risk Level	Risk Control Measure		Residual Risk		
						Prevention Measure	Recovery Measure	Likelihood	Severity	Risk Level
Rig-up & Rig down Pumping Equipment	<ul style="list-style-type: none"> Ergonomic • Miss Hammering • Fatigue • Slip/Trip and Fall 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	1 (Low)	1 (Low)	1 (Acceptable)	<ul style="list-style-type: none"> • Wear proper PPE • Correct Lifting/Hammering Technique 	<ul style="list-style-type: none"> • Apply First Aid Kit / consult Platform Medic 	1 (Low)	1 (Low)	1 (Acceptable)
Start & Run Equipment	<ul style="list-style-type: none"> Noise • Rotating part - Finger injury 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	1 (Low)	1 (Low)	1 (Acceptable)	<ul style="list-style-type: none"> • Wear proper PPE • Rotating part equip with safeguard • No hard placement near the rotating part 	<ul style="list-style-type: none"> • Apply First Aid Kit / consult Platform Medic 	1 (Low)	1 (Low)	1 (Acceptable)
Open / Close Surface Line to Donor Well	<ul style="list-style-type: none"> • Trapped Pressure • Valve not full close / Open 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	1 (Low)	1 (Low)	1 (Acceptable)	<ul style="list-style-type: none"> • Ensure to monitor the Gauge pressure 	<ul style="list-style-type: none"> • Apply First Aid Kit / consult Platform Medic 	1 (Low)	1 (Low)	1 (Acceptable)
Open well :- Bleed Tubing Head Pressure (if possible)	<ul style="list-style-type: none"> • Trapped Pressure • Valve not full close 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	1 (Low)	1 (Low)	1 (Low)	<ul style="list-style-type: none"> • Bleed-off Circulating / THP (if possible) • Ensure to monitor the Gauge pressure • Ensure to monitor the Gauge pressure 	<ul style="list-style-type: none"> • Apply First Aid Kit / Consult Platform Medic • All the crew ready for evacuation, familiar to route and gather at muster station 	1 (Low)	1 (Low)	1 (Low)
	<ul style="list-style-type: none"> • Blow-up 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	2 (Medium)	2(Medium)	2(Acceptable)	<ul style="list-style-type: none"> • Bleed-off Circulating / THP (if possible) • Ensure to monitor the Gauge pressure • Initiate initial pumping pressure slight higher than STHP (if pressure unable to be bleed) 	<ul style="list-style-type: none"> • Toolbox meeting before start the operation to communicate about the hazard and all the crew understand their roles and responsibilities 	1 (Low)	1 (Low)	1 (Acceptable)
	<ul style="list-style-type: none"> • Overpressure during pressure test treating line 	<u>Personnel</u> <ul style="list-style-type: none"> • Injury • Asset • Coiled tubing equipment damage 	1 (Low)	2 (Medium)	2 (Acceptable)	<ul style="list-style-type: none"> • Apply First Aid Kit / See Platform Medic 	<ul style="list-style-type: none"> • Apply First Aid Kit / See Platform Medic 	1 (Low)	2 (Medium)	2 (Acceptable)
			2 (Medium)	2 (Acceptable)	2 (Acceptable)			1 (Low)	1 (Acceptable)	2 (Acceptable)

