

ASSESSMENT CHECKLIST

Unit: CAP 1.2 PLAN FOR WELL SERVICES OPERATIONS

Element: CAP 1.2.3 Rig-up Well Services Equipment

PC	Description of Performance Criteria	Description of Evidence	Source of evidence			Competence	Remarks
			O/I	SD	Q/A		
a	Equipment on site is for safe and optimum use in accordance to operational requirements.	Valid test dates record/logs for lubricator assemblies. Colour coding of lifting equipment, i.e. wire rope slings, shackles, etc. Check via questioning that the candidate understands the importance of regular checks and inspections, and economics of equipment optimisation.	✓			C	
b	Well is confirmed to be safe for work to proceed.	Permit to Work (PTW) compliance. Pre-job check and debriefing. Identify hazardous area classification. Job report. Check via questioning/assignment that the candidate understands the importance of pre-job check before starting work.	✓			C	
c	Assembly of equipment is done in the required sequence using appropriate hand tools.	Check via questioning on the proper equipment assembly/rig-up process and the use of the correct hand tools.	✓			C	

DIMENSION BID

Element: CAP 1.2.3 Rig-up Well Services Equipment

PC	Description of Performance Criteria	Description of Evidence	Source of evidence				Competence	Remarks
			O/I	SD	Q/A			
d	Full assembly is confirmed functional in accordance to operational requirements.	Job report. Check via questioning that the candidate understands the need for function/pressure testing after rigging-up.	✓				C	
e	Faults in the equipment assembly are identified and remedial action taken.	Job report. Check via questioning that the candidate recognises the safety implication of faulty equipment.	✓				C	
f	Advice and support are sought from relevant personnel when required.	Job report. Third Party feedback. Check via questioning to ascertain candidate's understanding on the importance of seeking advice when in doubt.	✓				C	
g	Equipment is handled using safe lifting and handling techniques.	Check via questioning to ascertain candidate's understanding on the importance of safe lifting and handling techniques.	✓				C	

DIMENSION BID

PC	Description of Performance Criteria	Description of Evidence	Source of evidence			Competence	Remarks
			O/I	SD	Q/A		
h	Working practices are safe in accordance to statutory and operational requirements.	PTW compliance. Third Party feedback. Check via questioning that candidate understands the importance of safe working practices in line with statutory and operational requirements.	✓			C	

Legend:

Source of Evidence:

O/I

 Observation / Interview

SD

 Supporting Document

Q/A

 Written Questions & Answers

Competence

C

 Competent

NYC

 Not Yet Competent

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

DIMENSION BID

Assessed by: ALLEYSON AKIN DIMENSION BID (M) SDN BHD East Malaysia Operation	Agreed by: (TSO) Ammar A	Verified by: (HOD) Afiq Ammar
(Name)	(Name)	(Name)
Signature Alleyson	Signature d.	Signature Afiq
20.9.24	20.9.24	10th Oct 2024
Date	Date	Date

QUESTIONS TO ASSESS UNDERPINNING KNOWLEDGE (Written/Oral Answers Required)

Unit: CAP 1.2 PLAN FOR WELL SERVICES OPERATIONS

Element: CAP 1.2.3 Rig-up Well Services Equipment

No.	Question	Relevant PC
1	Who authorises and approves the PTW for Well Services activities? a) Routine operations on a production platform	b, h
2	Why is it important to have a pre-job briefing/discussion before rigging-up? What pre-checks are required prior to rigging up Well Services surface equipment?	a, b, e
3	List down a standard lubricator configuration. Describe the sequence of assembling the lubricator followed by safe rigging up process. Explain why is it important to position the BOP correctly?	c, g, h
4	What is the acceptable gap range on the weight indicator load cell during zero check? Wire running through the hay pulley of the weight indicator should be at what angle? Why is it important? Give two reasons why do you need to rig up the hay pulley correctly?	a, h
5	Describe the process of BOP function and pressure testing for 0.092"/0.108" slick wire after rigging-up. Your answer should include how equalising pressure across the closed BOP is done prior to opening the BOP rams. Under what circumstances do you need to operate the BOP?	d
6	Grease injection is required to create a mechanical seal for 3/16" braided wire for the flow tube type integral stuffing box or the grease injector head. Describe its working principle.	d
7	With respect to wind direction, where do you position the wireline power pack in relation to the wireline winch? Why? Why is it necessary to tie down the wireline winch after rigging-up?	h
8	Why is it important to report remedial action taken on faulty equipment? How would you deal with defective equipment that is beyond repair on site?	e
9	Who would you seek advice and support from with respect to: a) failure of wireline units b) equipment passport expired c) lubricator test date expired	f
10	Before using the lubricator set, why is it important to check the last test date on every component of the lubricator set?	a
11	Gas test is carried out before rig-up commences. Why?	a, b, h

DIMENSION BID

12	What pressure is the lubricator assembly tested to, and for how long, after rigging up? a) a rig during well completion phase b) a platform/jacket	d, h
13	When a rig pump is used, why is it necessary for us to pressure test the lubricator in stages on the rig? Where do you check for potential leaks during pressure testing of the lubricator?	a, d, h
14	Which valves on the Christmas tree are normally operated during wireline operations? You are to minimise operating the lower master valve. Why? You are required to check the valves integrity well before any planned well entry. Why?	b, e, h
15	Where is the zero reference point for the wireline toolstring when working on: a) a rig floor b) a platform/jacket	c
16	What is the need of the safety line for the lubricator?	g, h
17	How do you prevent accidental closure of any Christmas tree valve during a wireline operation?	h
18	When the overspeed shutdown device of the wireline unit does not work, what would you do?	e