

ASSESSMENT CHECKLIST

Unit: CAP 1.3 EXECUTE THE WELL SERVICES OPERATIONS

Element: CAP 1.3.5 Perform fishing operations

PC	Description of Performance Criteria	Description of Evidence	Source of evidence				Competence	Remarks
			O/I	SD	Q/A			
a	Safe working practices and agreed safety measures are implemented and maintained in accordance with statutory and operational requirements.	Examine evidence (e.g. PTW, minutes of pre-job safety/toolbox meeting, job hazard analysis worksheet, job report) provided to confirm compliance. Check candidate's answers to oral/written questions and by direct observation to confirm that he is familiar with : - wireline procedures governing well preparation and equipment rig-up for well entry. - two barrier concept and well safety policy.	✓				C	
b	Fishing tools are checked and function tested prior to running in.	Examine evidence (e.g. job report). Check candidate's answers to oral/written questions and by direct observation to confirm understanding on the correct way of checking and function testing the various fishing tools.	✓				C	
c	Sufficient and correct lubricator / riser assemblies are rigged up to ensure safe recovery of fish.	Examine evidence (e.g. job report). Check candidate's answers to oral/written questions, written assignments and by direct observation to confirm understanding on the importance of sufficient and correct lubricator/riser configuration.	✓				C	

DIMENSION BID

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			O/I	SD	Q/A		
d	Running controls are confirmed as pre-set to required reference datum.	Check candidate's answers to oral/written questions and by direct observation to confirm : - compliance to requirements and standards. - understanding on the hazards and consequences associated with wrong usage of specific running controls and equipment.	✓			C	
e	Pressures are equalised in accordance with operational requirements.	Check candidate's answers to oral/written questions and by direct observation to confirm understanding on the importance of pressure equalisation and the potential consequences associated with differential pressures.	✓			C	
f	The well bore is entered in accordance with operational requirements.	Confirm via evidence (e.g. PTW, job report, work action program). Check candidate's answers to oral/written questions, written assignments and by direct observation to confirm : - understanding on the hazards and consequences of using inappropriate toolstring configuration. - he is familiar with wireline procedures governing well entry.	✓			C	
g	Fishing tool is run in the hole maintaining the required parameters.	Check candidate's answers to oral/written questions and by direct observation to confirm his knowledge on allowable limit on line tension, speed, minimum breaking load of the various wire in use and the principles governing care and handling of wire.	✓			C	
h	Faults and defects are accurately identified and appropriate remedial actions taken in accordance with operational requirements.	Confirm via evidence (e.g. job report). Check candidate's answers to oral/written questions and by direct observation to ascertain underpinning knowledge on troubleshooting techniques and ability to rectify faults.	✓			C	

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			O/I	SD	Q/A			
i	Data is accurately recorded at appropriate times and frequencies in accordance with operational requirements.	Confirm via evidence (e.g. job report). Check candidate's answers to oral/written questions and by direct observation to confirm he understands the importance recording relevant data with respect to the fishing job, e.g. recording of toolstring weight at various mode and depth intervals.	✓				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

Dimension Bid Competency Assurance Program

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

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

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No.	Question	Relevant PC
1	How do you prepare a well for wireline entry, with respect to the platform shutdown system? Why is it important to do that?	a, f
2	What do you understand by a two-barrier concept in well securing? How many valid "barriers" does a Christmas tree with an actuated upper master valve and a manual lower master valve provides in terms of well protection? Why?	a
3	What are the essential checks to be carried out on a pulling tool prior to attaching it to the toolstring? List them down. Why is it important to function test the pulling tool by simulation on surface? List down the reasons.	b, h
4	For a wireline fish which has already been established to have a clear fishing neck, what initial pulling tool would you use for : a. a fish with an external fishing neck b. a fish with an internal fishing neck Note: Disregard the size of the fishing neck and the tool to be run for this question. Give your reason(s).	b, f
5	What is the important factor you have to consider prior to the selection of lubricator/BOP configuration for a wireline fishing operation, and what are the consequences of not using the correct length?	c, f
6	What should the minimum recommended diameter be for the measuring wheel, hay pulley and stuffing box sheave used in conjunction with : a. 0.092" slick line b. 0.108" slick line c. 0.125" slick line d. 3/16" braided line	d
7	After rigging up and prior to running in hole, to what pressure should the lubricator/BOP assembly be tested to and for what duration? How and where is the pressure normally introduced into the lubricator/BOP assembly? How can we safely position the toolstring inside the lubricator to minimize or avoid a possible blow up?	e, h
8	When running in the fishing toolstring, or for that matter any toolstring, what is the preferred practice with respect to line speed? State your reasons.	f, g
9	A tubular jar is normally used in place of a mechanical jar (link jar) when fishing for wire. Explain the reason behind this philosophy.	a, g

DIMENSION BID

10	How and when do we record the weight reference of the fishing toolstring prior to latching onto the fish? In checking the static weight of the toolstring state whether any difference would be encountered when checking the weight during the upward pull and downward run. Can both weight references be used and explain under what condition are each applicable?	i
11	What is the maximum line pull allowable for the following wires used in SSB/SSPC, and state their minimum-breaking load: a. 0.092" Bridon U.H.T. Bright b. 0.108" Bridon U.H.T.Bright c. 0.108" Bridon Supa 70 d. 0.108" Bridon Supa 75 e. 0.125" Bridon U.H.T.3 f. 3/16" Bridon Dyform 1 x 19(9x9x1)	a, g
12	Give five circumstances under which it becomes necessary to employ a wire cutter for the purpose of cutting the wireline in the well.	f, h
13	List out three conditions whereby it is necessary to use an overshot to grip down-hole tools in a fishing situation. With respect to safety and procedure what type of pulling tool should be used in conjunction with the non-releasable overshot when running it into the well?	a, h
14	Explain the importance of using a shear pin with the appropriate shear value in a pulling tool when retrieving a wireline fish.	a, b, f
15	Why do we need to carry out a gas test prior to commencing a wireline well entry operation?	a
16	Does a duly authorized PTW for wireline well entry remain valid after a GPA? Why?	a
17	With respect to the well safety shut-in system, why is it mandatory for the control of SSV and WR SC-SSV to be transferred to the Well Services Single Well Control Unit prior to wireline well entry work? Who shall be the sole operator of this unit and where shall it be located during wireline operations?	a, f
18	Why is it essential to check and function test fishing tools prior to running in hole? How do we normally perform the test on surface?	b, h
19	When rigging up for a fishing job, what particular attention should be paid to the lubricator/BOP configuration?	c, f
20	Where do you set the wireline toolstring "zero" reference depth prior to running in hole? Why is it important to do so every time before the toolstring is run?	d
21	Why is it important to have the wireline from the winch going through the hay pulley to the stuffing box to be at right (90°) angle?	d

DIMENSION BID

22	After rigging up and prior to running in hole, to what pressure should the lubricator/BOP assembly be tested to and for what duration?	a
23	Explain the precautions to be taken, prior to run in hole and after pulling out of hole, to ensure only one impression is obtained when running a LIB.	b, f, g, h
24	What source of information should be referred to or made easily available prior to entering the well? How do we normally establish the whereabouts of the wireline fish in the well? What is the basic or standard toolstring configuration required to recover a wireline fish with a clear fishing neck, and what is the type of pulling tool, i.e. shear up or down, recommended for the first run? State the reason for your selection.	f, i
25	When running in to recover a fish, when do we normally record the final reference weight of the toolstring, and does the line speed have a bearing on the weight recorded? How can we tell whether we have latched onto the fish?	f, g, i
26	Under what conditions would an overshot pulling tool be used? Give examples.	f, h
27	In a toolstring blown-up situation what must be run before dropping a wire cutter. Explain why.	f, h
28	Before dropping a wire cutter or/and Go-Devil what considerations should be made with respect to the down-hole toolstring and tubing sizes?	h, i
29	What additional precautions do you need to take when fishing a WR SC-SSV in a close position?	e
30	With respect to safety, standard practice and procedure, how would you select the appropriate shear pin for use in conjunction with a pulling tool when running it into the well to retrieve a wireline fish?	a, b, f