


# TASK ASSESSMENT FOR SLICKLINE ASSISTANT

## UNIT: PRESSURE CONTROL EQUIPMENT

NAME	MUHAMMAD HASNAWI BIN SUDARSO
EMPLOYMENT DATE	
PERFORMANCE CRITERIA	<ol style="list-style-type: none"> <li>1. Equipment design / technical specification / features: Know and understand equipment design / technical specifications / features</li> <li>2. Equipment operation: Able to operate the equipment</li> <li>3. Equipment maintenance / care: Able to perform equipment recommended care / maintenance</li> </ol>

### ASSESSMENT SUMMARY

Element of Competency	Score	Assessed By Champion / Senior Mechanic	Assessment Date	Verified By OM / FSM	Verification Date
1. Stuffing Box	8	} SH	} 25/5/23	} 	} 28/5/23
2. BOP	6				
3. Lubricator, Riser and Pump Joint	8				
4. Wellhead	8				
5. Pump-in Tee and TIW Valve	7				

**Important Note:** <sup>✓</sup> The minimum passing score is 60%. If the score falls below minimum passing score, the employee must repeat the assessment

#### Assessor's Comments & Recommendation

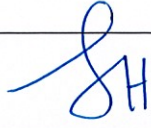
Good involvement in PCE maintenance process and demonstrate on equipment function test.


#### FSM / OM Comments & Recommendation

## STUFFING BOX

THEORY (Presentation)	COMMENT
1. Identify the Stuffing Box and explain the function	
2. Show where the following components allocated at Stuffing box and explain the function	
i. BOP (Blow Out Plug) Plunger Stop	
ii. BOP (Blow Out Plug)	
iii. Lower Gland	
iv. Upper Gland	
v. Stuffing Box Packing	
vi. Hydraulic Chamber	
vii. Sheave Wheel	
viii. Staff Arm	
ix. Hydraulic Chamber Port	
x. Injection Port	
xi. Wire Guard	
3. Explain how the Stuffing Box operating	
4. Explain the Stuffing Box element to be checked during Pre Start-up Job	
5. What is the safety precaution to be alert when handling Stuffing Box?	
6. What are the differences between Stuffing Box for Standard Operation and H2S Operation?	
<b>Practical</b>	
1. Feed wire through stuffing box and make rope socket	Good.
2. Show how to connect the Stuffing Box with lubricator and where to hook-up the Stuffing Box hydraulic hose	Able to demonstrate. OK.
3. Show how to carry out following basic maintenance	OK
i. Greasing bearing	OK
ii. Re-tighten bolt and nut	OK
iii. Lubricate wire while RIH	OK
iv. Re-Tension Dual Drive Chain	OK
v. Lubricate Odometer and Odometer Cable	OK
vi. Protect bolt, nut, fitting etc with Denso Tape (Grease Tape)	OK

OVERALL SCORE	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
	10	9	8	7	6	5	4	3	2
			8						

Comments by Assessor (COMPULSORY):			
Signature		Assessment Date	25/5/2023
Name	Hazim	Position	TM

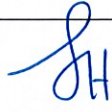
Comments by Verifier:			
Signature		Assessment Date	25/5/2023
Name	Gazali Mehry	Position	OM

## BOP


THEORY	COMMENT
1. Identify the BOP and explain its function	/
2. Show where the following components allocated at BOP and explain the functions:	
i. Equalizing Port	
ii. Manual Stem	
iii. Inner Seal	
iv. Outer Seal	
v. Upper Ram	
vi. Lower Ram	
vii. BOP Lifting Cap	
viii. BOP Upper Test Cap	
ix. BOP Lower Test Cap	
x. Close Upper Ram Fitting	
xi. Open Lower Ram Fitting	
3. Explain how the following BOP operating	
i.	
ii.	
4. What should be done during mob / demob of BOP from one location to another?	
5. What are the safety precaution to be alert with while BOP is running	
6. What are the differences between BOP for Standard Operation and H2S Operation?	
<b>Practical</b>	
1. Get involve to strip the BOP and perform full servicing (1 time)	Good. PCE mtce process
2. Identify the BOP hydraulic hose required and hook-up to the Control Panel. Explain how to Close and Open BOP Upper & Lower Ram	OK
3. Show how to connect the BOP with lubricator and where is the position of BOP during wireline job	Good. Able to explain
4. Show how to carry-out following basic maintenance	<div style="font-size: 2em;">}</div> OK. Have gone through 2 monthr mtce PCE
i. Manual Stem	
ii. Inner & Outer Seal	
iii. Equalizing Port	
iv. Box-up thread connection	
v. Pin & Collar Down Thread Connection	
vi. Internal BOP body	

OVERALL SCORE	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
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					6				

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## LUBRICATOR, RISER AND PUMP JOINT

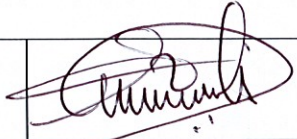
THEORY (Presentation)	COMMENT
1. Identify the Lubricator and explain its function	/
2. Show where the following components allocated at Lubricator and explain the function <ul style="list-style-type: none"> <li>i. Equalizing Port</li> <li>ii. Box-up Thread Connection</li> <li>iii. Pin &amp; Collar Down Thread Connection</li> </ul>	
3. Identify the following threaded size <ul style="list-style-type: none"> <li>i. 5" - 4 ACME Type 'O' Box up x Pin &amp; Collar Down ('O' is stand for?)</li> <li>ii. 4.75" x 4 ACME Type 'B' Box up x Pin &amp; Collar Down ('B' is stand for?)</li> </ul>	
4. What are the differences within Lubricator, Riser & Pump Joint?	
5. What is the length of Dimension Bid Lubricator? Besides the common length, what are the other lengths used by Dimension Bid?	
6. What are the safety precaution to be alert with while handling Lubricator section?	
7. What is the common Lubricator working pressure and type of Service in Dimension Bid?	
8. What is the meaning of "Working Pressure"?	
9. What is the meaning of "Test Pressure"?	
<b>Practical</b>	
1. Make-up 3 sections of Lubricator and perform pressure test max 2000 psi	Good - Low & High psi test
2. Show how to perform the following basic maintenance for Lubricator and Pump Joint <ul style="list-style-type: none"> <li>i. Clean-up and grease internal</li> <li>ii. Service box-up thread and o' ring seal area</li> <li>iii. Service pin and collar down thread, o' ring and o' ring groove</li> <li>iv. Service bleed-off port</li> </ul>	OK OK OK OK

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Comments by Verifier:

Signature



Assessment Date

25/5/2023

Name

Gazali Mehry

Position

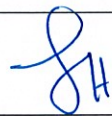
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## WELLHEAD CROSSOVER

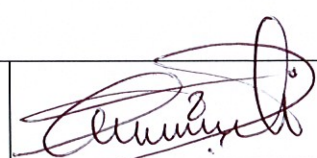
THEORY	COMMENT
1. Identify the Wellhead X-over and explain its function	/
2. Identify the following threaded size	
i. 5-5/8" WKM Hammer Union to suit 3-1/8" WKM Single X-mass Tree	
ii. 5-5/8" WKM Hammer Union to suit 2-9/16" WKM Single X-mass Tree	
iii. 5-1/5" WKM Quick Union to suit 3-1/8" WKM Single X-mass Tree	
iv. 3-1/5" EUE Pin	
v. 8.25" – 4 ACME Type 'O'	
3. Where does the Wellhead X-over rigged up during wireline job?	
4. What is the common length of Wellhead X-over in Dimension Bid and why?	
5. What are the safety precaution to be alert with while handling Wellhead X-over section and rig-up on top of X-mass tree?	
6. What is the ID for the following nominal lubricator:	
i. 3-1/2"	
ii. 4-1/2"	
iii. 5-1/2"	
<b>Practical</b>	
1. Participate rigging up Wellhead X-over and explain the steps	OK. XO connect to PCE section.
2. Show how to carry-out the following basic maintenance for Wellhead X-over	OK
i. Clean up and grease internal	OK
ii. Service box-up thread and o'ring seal area	OK
iii. Service pin & collar down thread, o'ring and o'ring groove	OK

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## PUMP-IN TEE AND TIW VALVE

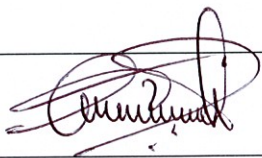
THEORY (Presentation)	COMMENT
1. Identify the Pump-in Tee and TIW and explain its function	/
2. Identify the following threaded size and ball valve <ul style="list-style-type: none"> <li>i. 1502 Thread Half Union Side Outlet (for Chicksan Line)</li> <li>ii. 3" Ball Valve</li> </ul>	
3. Where do the Pump-in Tee and TIW rigged up during wireline job? <ul style="list-style-type: none"> <li>i. Pump-in Tee</li> <li>ii. TIW Valve</li> </ul>	
4. What are the safety precaution to be alert with while handling Pump-in Tee?	
<b>Practical</b>	
1. Participate rigging up Pump-in Tee and TIW Valve and explain the steps	OK
2. Show how to carry-out the following basic maintenance for Pump-in Tee <ul style="list-style-type: none"> <li>i. Clean-up and grease internal</li> <li>ii. Service box-up thread and o'ring seal area</li> <li>iii. Service pin &amp; collar down thread, o'ring and o'ring groove</li> <li>iv. Service 1502 thread and rubber seal</li> </ul>	OK OK OK OK OK

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