

DIMENSION BID

TASK EVALUATION FOR BASIC MAINTENANCE

(ref. CTS-FORM-93 BASIC MAINTENANCE)

NAME	MUHAMMAD ALIFF BIN JULKEFLI
EMPLOYMENT DATE	12 JANUARY 2025
PERFORMANCE CRITERIA	<ol style="list-style-type: none"> Equipment design, technical specification, components and functions: Know and understand equipment design, technical specifications, components and functions Equipment operation: Able to operate the equipment Equipment maintenance / care: Able to perform equipment recommended care / maintenance Equipment maintenance report: Able to track on all required equipment data prior to plan for next maintenance Maintenance analysis: Able to analyse equipment problem based on problem report and EMC. Hence, to identify root cause and best practice to avoid the same problem from happen

ASSESSMENT RESULT SUMMARY


Element of Competency	Score	Assessed By	Assessment Date
1. Batch Mixer	N/A		
2. Fluid Pumping Unit	8	Johari Johne	13/1/25
3. Nitrogen Converter	8	Johari Johne	14/1/25
4. Coiled Tubing Unit	N/A		
4.1 Power Pack	N/A		
4.2 Control Cabin	N/A		
4.3 CT Reel	N/A		
4.4 Injector Head	N/A		
4.5.1 Pressure Control Equipment (Stripper)	N/A		
4.5.2 Pressure Control Equipment (SBOP)	N/A		
4.5.3 Pressure Control Equipment (Combi BOP)	N/A		
5. Maintenance Reporting	N/A		

Important Note: The minimum passing score is 80%. If the score falls below the minimum passing score, the employee must repeat the assessment

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Assessor's Comments & Recommendation (COMPULSORY):

The operator showed strong skill in pump fluid and, N2 pump and troubleshooting with good HSE compliance and competence.

Signature		Assessment Date	14/1/25
Name	JOHANN JOHAR	Position	FIELD SPECIALIST III

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2. FLUID PUMPING UNIT

THEORY	COMMENT
1. Identify the Fluid Pumping Unit and explain its functions	8
2. Show where the following components of Fluid Pumping Unit and explain the function	
i. Engine component	8
ii. Zone 2 system	8
iii. Hydraulic line	8
iv. Fluid end component	8
v. Parameter on control panel	8
3. How did you assemble pump?	8
4. How did you rig up sensor cable?	8
5. What should you check BEFORE start the Single Pump?	8
6. What should you check and monitor during operating the Single Pump?	8
7. What is the safety precaution during operating the Single Pump?	8
8. What should you check BEFORE stop the Single Pump?	8
9. How to perform horse power test	8
PRACTICAL	
1. Show how to carry out following basic maintenance	
i. Check coolant level 10	
ii. Perform hydrotest for radiator and cooler 11	
iii. Replace engine oil 11	
iv. Replace engine oil filter 11	
v. Replace fan and alternator belt 12	
vi. Clean crankcase vent breather 10	
vii. Test OPSD 11	
viii. Service exhaust cooler (pyroban) 8	
ix. Grease u-joint and propeller shaft 10	
x. Change gearbox oil 11	
xi. Change fuel filter 11	
xii. Service pneumatic control valve 8	
xiii. Clean air cleaner 10	
xiv. Grease butterfly valve 10	
xv. Change fluid end insert valve 11	
xvi. Change fluid end packing 11	
xvii. Perform horse power test 8	

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

