

# JFE LEARNING MODULE

**DIMENSION BID**

## TASKSHEET 08 - PCE

### OBJECTIVES

Upon completion this task you should be able to:

### THEORY

1	Explain the basic principle of PCE and relationship with well control.	
2	Explain on the pressure definition and differentiate every one of it (WHP, WP, TP, MPWHP and etc.)	
3	List out and explain job planning and preparation consideration for PCE prior to slickline operation.	
4	Explain each of PCE components for standard slickline and e-line rig up and differentiate between both.	
5	List down type of QU connection and explain the differences between them	
6	Explain on API threaded connection, Swage Adapter and Flange Adapter.	
7	Describe principle of o-ring, selection factors and its condition.	} Done during theory session
8	Explain on Active, Passive and Ultimate Well Barriers in Slickline Operation.	
9	Describe about PCE identification in Dimension Bid and use of approved equipment.	
10	Explain on annual and major certification process.	
11	Describe about Working Pressure (WP) and Test Pressure (TP).	
12	Describe in detail on Wellsite Pressure Testing (including for perforation services) and hazards involved.	
13	Describe safety consideration in PCE operation and general PCE safety rules.	
14	Summarize the pressure test policy	

Grade: 95%

Supervisor  
Signature:



MOHD ISMADY BIN ISMAIL  
Head of PEXS  
CHS Division | Dimension Bid

### PRACTICAL

1	Physically identify the PCE components and explain the basic principle of it.	
2	Using Reference Guide for Common QU table, measure the PCE connection with caliper and identify its standard QU coding.	
3	Perform basic service on the PCE with Maintenance Team for minimum 3 PCE components.	} Done during practical session
4	Identify at least one type of high pressure – low volume type device, as well as one type of low pressure – high volume type device, in your location or at the wellsite. Describe the hazard for both of it	
5	Pass written assessment for Module 8. Total Marks = _____%	

Grade: 90%


Supervisor  
Signature:



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Head of PEXS  
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### COMMENTS BY SUPERVISOR

1. Shown thorough understanding in PCE requirements, functionality, PCE components and control module introduction.
2. JFE is ready for Pressure Control Equipment (PCE) Certification Level 1 & 2.

Name:	IKRAM MUSLIM	Signature:		Date:	04/07/22
Manager's Name:		Manager Signature:		Date:	