

Craft: Pipeline Maintenance Level 3
Module: CT40_9-17
Module Title: Install and Remove Completion Plug on Pipelines Larger than 2 Inches



Trainee Name: _____

Training Program Sponsor: _____

Instructor: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
 Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, be sure to record Performance testing results on the Registration of Training Modules form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Install completion plugs on pipeline larger than 2 inches (CT40_9-17).				
	Identify potential abnormal operating conditions (AOCs) that may occur during performance of this CT, and know the appropriate actions to take in response to them.				
	Utilize the appropriate personal protective equipment according to relevant company procedures.				
	Install the plug holder onto boring bar, confirming the arrows are aligned. Attach the completed plug to the plug holder.				
	Inspect and assemble tapping machine and plug holder components.				
	Take necessary measurements prior to installing the tapping machine on the valve.				
	Install tapping machine onto the valve with the plug holder fully retracted.				

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OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	Prior to opening the valve, equalize the pressure on each side of the valve, if possible.				
	Slowly open the valve fully on the fitting.				
	Lower the completion plug into the fitting with the boring bar. Verify proper alignment and initial depth measurements. Set holding segments according to manufacturer's specifications.				
	Relieve pressure above plug and verify proper sealing of plug.				
	Retract the boring bar and plug holder from the fitting and valve. After retracting, close the valve and relieve pressure above the valve.				
	Remove the tapping machine from the valve.				
	Remove the valve, if required.				
	Install the cap blind flange, piping, instrumentation, or other component onto the fitting or valve.				
	Complete appropriate documentation as required by operator's procedures.				

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OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	2. Remove completion plugs on pipelines larger than 2 inches (CT40_9-17).				
	Identify potential abnormal operating conditions (AOCs) that may occur during performance of this CT, and know the appropriate actions to take in response to them.				
	Utilize the appropriate personal protective equipment according to relevant company procedures.				
	Slowly open the valve fully on the fitting				
	Visually inspect that the completion plug is seated in the fitting and verify access for connecting the plug holder.				
	Inspect and assemble tapping machine and plug holder components.				
	Take necessary measurements prior to installing the tapping machine on the valve.				
	Install tapping machine onto the valve with the plug holder fully retracted.				
	Prior to removing the plug, equalize the pressure on each side of the plug, if possible.				
	To remove the completion plug: 1) Lower the plug holder into the fitting with the boring bar; 2) Verify proper alignment and initial depth measurements; 3) Connect the plug holder to the completion plug; 4) Set holding segments according to manufacturer's specifications.				
	Retract the boring bar and plug holder from the fitting and valve. After retracting, close the valve and relieve pressure above the valve.				
	Remove the tapping machine from the valve.				
	Install the cap, blind flange, piping, instrumentation, or other component onto the valve.				
	Complete appropriate documentation as required by operator's procedures.				