

# Performance Profile Sheet (Page 1 of 2)

NCCER Training

Craft: Pipeline Maintenance Level 3  
 Module: CT40\_8-17  
 Module Title: Installing a Tap Larger Than 2 Inches on a Pipeline System



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	Install a tap larger than 2 inches on a pipeline system (CT40_8-17).				
	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.				
	Properly install the valve on the fitting according to manufacturer's specifications.				
	Confirm proper operation of the valve and that it is in the open position.				
	Prepare the tapping machine according to the manufacturer's procedures.				
	Confirm the tapping machine manufacturer's specifications.				
	Attach the appropriate cutter and pilot bit to the boring bar.				

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	Prior to connecting the tapping machine to the valve, confirm that accurate measurements have been made for the depth of cut.				
	Install the tapping machine on the valve with the valve in the open position.				
	Ensure that the cutter or drill bit can pass through the open valve and that, with the cutter and drill bit in the retracted position, the valve can be fully closed.				
	Verify that the operating conditions meet company procedures and requirements.				
	Lower the boring bar, cutter, and pilot bit to verify proper alignment and initial depth measurements.				
	Operate the tapping machine to complete the hot tap and verify the depth measurement of the cutter assembly.				
	Raise the boring bar, cutter, and pilot bit and verify depth measurements to ensure valve clearance and allow closure.				
	Close the valve.				
	Release pressure from the product trapped between the valve and the tapping machine.				
	Remove the tapping machine.				
	Confirm retrieval of the coupon and verify integrity.				
	Complete appropriate documentation as required by operator's procedures.				