10-4b: Assemble, Ignite, Extinguish, and Disassemble a Drip Torch

Candidate Information
Candidate Name and SFT ID Number:
Circle One: Day 1 First Attempt / Day 2 Second Attempt / Day 2 First Attempt / Day 2 Second Attempt
General Information
NFPA Standard: 1140 (2022), JPR 4.6.5 / **CTS Guide:** 10-4 / **Course Plan:** Fire Fighter 1C, Topic 3-3
Performance Outcome: Assemble a drip torch ensuring the gasket is in place and intact, fuel spout is facing in the correct position and the air vent is open; ignite the torch using ignition source; extinguish the drip torch ensuring the wick has cooled down; and disassemble and place back into service ensuring the tank is full.
Candidate Directions: You will assemble, ignite, extinguish, and disassemble a drip torch. The test will begin when I say, "start." The test will end when you say, "done." Do you understand the directions?

Performance Measures (check appropriate box) The candidate must complete all steps (100%) to receive a passing score.	**Pass**	**Fail**
Assemble and Ignite		
1. Wears and uses appropriate PPE/SCBA/equipment at all times during evaluation		
2. Shakes torch to mix fuel		
3. Places torch in a clear area and loosens and removes lock ring		
4. Loosens and removes fuel flow plug, inspects "O" ring, and places it hand tight on blind threaded retainer		
5. Removes fuel spout, checks fuel level in the tank, and checks gasket on spout		
6. Turns spout assembly over and sets it atop drip torch with wick pointed away from tank handle		
7. Slips lock ring over spout, threaded side down, and tightens lock ring in place		
8. Opens air vent ¾ of the way		
9. Pours small amount of fuel on ground and lights it with match or fusee		
10. Lights drip torch wick by inverting torch above flaming fuel		
Extinguish and Disassemble		
11. Blows out wick and allows it to cool		
12. Removes lock ring and places it on clean surface		
13. Refills tank to ¾ full		
14. Inserts spout assembly wick into tank		
15. Replaces lock ring and hand tightens it		
16. Removes fuel flow plug from retainer and places it to block fuel flow to spout		
17. Closes air vent		

Evaluation Results
Overall Evaluation: Pass / Fail (circle one)
Student Signature / Date:
Evaluator Signature / Date:
Comments: