

Massachusetts Fire Training Council

Driver/Operator- Pumper Practical Certification Examination

Skill Sheet No.	DOP-101	04-01-19	Candidate Number	
Skill Title: PRE-TRIP INSPECTION & DOCUMENTATION			PAGE 1	
NFPA Objective:	4.2.2, 5.1.2	Minimum to pass:		35
PERFORMANCE:				P F

	APPROACHING VEHICLE			
1.	Inspects general condition as it is approached.			
2.	Looks for damage or if leaning to one side.			
3.	Verifies wheels are chocked.			
4.	Assures transmission is in "P" or "N" and parking brake is engaged.			
	WALK AROUND INSPECTION			
5.	Inspects under vehicle for leaks of oil, grease, coolant, or fuel.			
6.	Inspects all hosebeds for secure hoselines.			
7.	Starts at left front, Inspects exterior in a clockwise direction.			
8.	Inspects left front wheel, tire, tread, inflation, suspension.			
9.	Inspects windshield and wipers.			
10.	Inspects right front wheel, tires, tread, inflation, suspension.			
11.	Inspects right side cab doors and seat belts.			
12.	Inspects right side caps, valves, drains, etc.			
13.	Inspects right side compartments and compartment doors assuring latched.			
14.	Inspects right rear wheels, tires, tread, inflation, suspension.			
15.	Inspects left rear wheels, tires, tread, inflation, suspension.			
16.	Inspects left side compartments and compartment doors assuring latched.			
17.	Inspects pump panel, caps, valves, drains, etc.			
18.	Inspects left side cab doors and seat belts.			
	ENGINE COMPARTMENT			
19.	Inspects engine oil.			
20.	Inspects coolant level and fan for defects.			
21.	Inspects power steering fluid level.			
22.	Inspects windshield washer level.			
23.	Inspects belts for tightness and wear.			
24.	Inspects for leaks.			
25.	Inspects batteries.			
	INSIDE CAB			
26.	Removes wheel chocks.			
27.	Starts engine. Listens for unusual noises.			
28.	Checks transmission fluid level.			
29.	Checks all gauges, verifies that all are registering in normal ranges. (Oil pressure, ammeter, coolant temperature, oil temperature, warning lights)			
30.	Checks operation of all controls. (Steering wheel, accelerator, brakes, transmission, horn, windshield wipers/washer, light switches)			
31.	Checks windshield.			
32.	Checks and adjusts mirrors.			

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Skill Title: **PRE-TRIP INSPECTION & DOCUMENTATION** PAGE 2

LIGHTING AND WARNING SYSTEMS					
33	Checks headlights. (Low and high beams)				
34	Checks running lights, parking lights, brake lights.				
35	Checks turn signals/four-way flashers.				
36	Checks warning lights. (Front, rear, sides)				
37	Checks audible warning systems.				
BRAKING SYSTEM CHECK					
38	Builds up air pressure to stop low air warning signal, if necessary.				
39	Releases parking brake.				
40	Shuts down engine, leaving electrical system on, and pumps brakes to reduce air pressure. Low air warning should activate.				
41	Continues pumping brakes. Parking brake should engage.				
42	Assures parking brake is engaged. Builds air pressure. Puts vehicle in low gear and gently accelerates. Checks to see if vehicle creeps ahead.				
43	Releases parking brake. Moves forward slowly (5 mph). Firmly applies brakes. Checks to see if vehicle pulls to one side or is delayed stopping.				
44	Places transmission in 'P' or 'N'. Sets parking brake. Allows engine to idle down. Shuts down engine. Shuts off electrical system. Chocks wheels.				
FIRE PUMPS SYSTEMS					
45	Inspects on board tank.				
46	Inspects fire pump.				
47	Inspects on board foam system.				
OTHER EQUIPMENT					
48	Inspects other apparatus systems not listed above.				
DOCUMENTATION					
49	Documents inspection findings on inspection checklist.				
50	Completes evolution as directed.				

■ Failure of this critical portion is cause for entire skill failure

Examiner Signature _____ Date ____/____/____

Print Name _____

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Skill Sheet No.	DOP-102	04-01-19	Candidate Number
Skill Title: DRIVER COMPETENCY			
NFPA Objective:	4.3.1 - 4.3.6, 5.2.1	Minimum to pass	70
PERFORMANCE:		Candidate starts with 100, less penalty points	
1.	Utilizes seat belt and spotter directions.	Mandatory Task – 50 points	
	STRAIGHT LINE, STOPPING, BACKING EXERCISE		
	Travels through straight line hugging left side without striking cones. Stops at end of the course within 6” from cones, then backs out of the line without striking cones.		
2.	Penalty points added for striking cones, over 6”, etc.		
	CONFINED SPACE TURNAROUND		
	Travels toward corner of space. Maneuvers back and forward without projecting outside of boundaries. (Note: This is NOT a 3-point turn. There is no limit to number of turns.) Drives out of space in a forward direction.		
3.	Penalty points for protruding outside of cone boundaries, striking cones.		
	ALLEY DOCK EXERCISE		
	Backs vehicle into alley and stops vehicle within 6 inches of rear of alley.		
4.	Penalty points for striking dock and for more than 6” from end. (cones/dock)		
	SERPENTINE EXERCISE		
	Enters course, stays to the right of cones passing 3rd cone, and stops diagonally between 3rd and 4th cones. Backs to the left of 3 rd cone, right of the 2 nd cones, left of the 1 st cone. Stops at entrance and then drives forward to the right of the 1st cone, left of the 2 nd cone, right of the 3 rd cone, and exits on left side of course.		
5.	Penalty points for striking cones, crossing lines.		
	OFF-SET ALLEY EXERCISE		
	Drives through first alley and then proceeds through second alley.		
6.	Penalty points for striking cones.		
	DIMINISHING CLEARANCE EXERCISE		
	Drives through 100 foot long alley without striking any cones. (Note: alley starts at 9’, 6” wide and ends at 8’, 2” wide.)		
7.	Penalty points for striking cones.		
8.	OVER MAXIMUM ALLOWABLE TIME of 10 minutes: (10 points for each whole 15 seconds over 8 minutes)	TIME: _____	
		TOTAL PENALTY POINTS	
	PENALTY POINTS: Striking cones (3); Striking dock (5); Crossing lines (1); Stopping more than 6”from target (2); more than 12” (4); more than 18” (6)		
	TOTAL SCORE: (100 minus total penalty points)		

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Skill Sheet No.	DOP-103	04-01-19	Candidate Number		
Skill Title: SUPPLYING HANDLINE FROM TANK SUPPLY WITH CHANGE OVER UTILIZING LARGE DIAMETER SOFT SUCTION INTAKE					
NFPA Objective:	5.2.4, 5.2.2	Minimum to pass	12		
PERFORMANCE:				P	F

	1.	Wears PPE				
	2.	Engages parking brake before exiting the apparatus.				
	3.	Engages the pump before exiting the apparatus.				
	4.	Chocks the wheels immediately after exiting the apparatus.				
	5.	Provides for scene safety utilizing parking, cones, and/or barriers.				
	6.	Charges attack line/lines from the tank supply.				
	7.	Supplies an effective fire stream.				
	8.	Sets the relief valve.				
	9.	Makes necessary hydrant connections.				
	10.	Opens suction valve prior to opening hydrant.				
	11.	Throttles down prior to opening hydrant.				
	12.	Opens hydrant fully.				
	13.	Re-adjusts pressures, if necessary.				
	14.	Shuts down tank supply.				
	15.	Refills the apparatus water tank.				
	16.	Corrects any leaks in the area of the apparatus.				
	17.	Completes evolution as directed.				

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Skill Sheet No.	DOP-104	04-01-19	Candidate Number		
Skill Title: SUPPLYING HANDLINE FROM TANK SUPPLY WITH CHANGE OVER UTILIZING LARGE DIAMETER (4 INCH OR GREATER) FEEDER AS AN INTAKE					
NFPA Objective:	5.2.4, 5.2.2	Minimum to pass	11		
PERFORMANCE:				P	F

	Task				
1.	Wears PPE.				
2.	Engages parking brake before exiting apparatus.				
3.	Engages the pump before exiting the apparatus.				
4.	Chocks the wheels immediately after exiting the apparatus.				
5.	Provides for scene safety utilizing parking, cones, and/or barriers.				
6.	Charges attack line from the tank supply.				
7.	Supplies an effective fire stream.				
8.	Sets the relief valve.				
9.	Breaks off the supply line and attaches to the LDH intake.				
10.	Opens air bleeder.				
11.	Calls for supply line to be charged.				
12.	Makes the proper changeover from tank to hydrant supply.				
13.	Refills the apparatus water tank.				
14.	Corrects any leaks in the area of the apparatus.				
15.	Safely completes evolution as directed.				

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Driver/Operator- Pumper Practical Certification Examination

Skill Sheet No.	DOP-105	04-01-19	Candidate Number		
Skill Title: SECURING A WATER SUPPLY FROM A STATIC SOURCE					
NFPA Objective:	5.2.4, 5.2.2	Minimum to pass	12		
PERFORMANCE:				P	F

	1.	All Personal Protective Equipment (PPE) is properly worn.				
	2.	Provides for scene safety utilizing parking, cones, and/or barriers.				
	3.	Removes pumper intake cap.				
	4.	Attaches two sections of hard suction together, taking care not to get dirt in the couplings.				
	5.	Attaches strainer to hard suction hose male coupling.				
	6.	Utilizes rubber mallet, as necessary, to provide an airtight connection.				
	7.	Attaches rope to strainer.				
	8.	Lowers hose and strainer into static source.				
	9.	Attaches female coupling of hard suction hose to pumper intake.				
	10.	Secures strainer rope to pumper or other stationary object.				
	11.	Assures strainer and strainer-to-hose coupling is under water.				
	12.	Engages pump and places transmission in proper position for pumping.				
	13.	Increases RPM to 1000.				
	14.	Engages the priming device, secures and maintains a prime.				
	15.	Maintaining the prime will be determined by flowing water back into the static source through a hand line fire stream. This line need only be charged to 50PSI.				
	16.	Completes the assembly as directed by the examiner.				

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Skill Sheet No.	DOP-106	04-01-19	Candidate Number		
Skill Title: GENRATE A FOAM STREAM					
NFPA Objective:	5.2.6, 5.2.2	Minimum to pass	11		
PERFORMANCE:				P	F

	Task				
	1. Wears PPE.				
	2. Engages parking brake before exiting apparatus.				
	3. Engages the pump before exiting the apparatus.				
	4. Chocks the wheels immediately after exiting the apparatus.				
	5. Provides for scene safety utilizing parking, cones, and/or barriers.				
	6. Assures the foam nozzle, the in-line eductor, and the foam concentrate are both GPM and percentage of concentrate compatible.				
	7. Connects the in-line eductor to a pump discharge.				
	8. Stretches and connects sufficient hose from the in-line eductor the point of the foam discharge operation as determined by the examiner.				
	9. Connects the proper foam nozzle to the end of the hoseline.				
	10. Places the supply of foam concentrate near the in-line eductor.				
	11. Places the in-line eductor pick-up tube into the foam concentrate container.				
	12. Notifies nozzle firefighter of charging foam solution hoseline.				
	13. Removes kinks in hoseline.				
	14. Makes adjustments to assure quality foam is created.				
	15. Notifies nozzle firefighter when foam will stop.				
	16. Completes the assembly and generates foam as directed by the examiner.				

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Skill Sheet No.	DOP-107	04-01-19	Candidate Number		
Skill Title: UTILIZATION OF A FIRE DEPARTMENT CONNECTION					
NFPA Objective:	5.2.7	Minimum to pass	10		
PERFORMANCE:				P	F

1.	Wears PPE.				
2.	Engages parking brake before exiting apparatus.				
3.	Engages the pump before exiting the apparatus.				
4.	Chocks the wheels immediately after exiting the apparatus.				
5.	Stretches hoselines to fire department sprinkler connection.				
6.	Assures male couplings are toward connections.				
7.	Removes protective caps (screw plug or breakaway) from connection.				
8.	Inspects connection for debris, damaged threads, or missing gaskets. Replace gaskets, if necessary.				
9.	Connects hoselines to fire department connection.				
10.	Charges hoselines slowly and fully to 150 psi for sprinkler or other pressure for standpipe.				
11.	Removes kinks from charged hoselines.				
12.	Completes the assembly as directed by the examiner.				

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Skill Sheet No.	DOP-108	04-01-19	Candidate Number		
Skill Title: RELAY PUMPING A SUPPLY LINE					
NFPA Objective:	5.2.5, 5.2.2	Minimum to pass	12		
PERFORMANCE:				P	F

	1.	Wears PPE				
	2.	Engages parking brake before exiting the apparatus.				
	3.	Engages the pump before exiting the apparatus.				
	4.	Chocks the wheels immediately after exiting the apparatus.				
	5.	Provides for scene safety utilizing parking, cones, and/or barriers.				
	6.	Connects supply line to pump intake.				
	7.	Connects discharge line to pump discharge.				
	8.	Calls for water from source apparatus.				
	9.	Assures all air has been expelled from source hoseline.				
	10.	Notifies receiving pump water is available.				
	11.	Upon notification, opens pump discharge slowly and fully.				
	12.	Sets relief valve system once flow is established.				
	13.	Re-adjusts pressures, as necessary, based on demand.				
	14.	Assures intake pressure does not go below 20 psi.				
	15.	Corrects any leaks in the area of the apparatus.				
	16.	Completes evolution as directed.				

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