NFPA 1010: 2024 Edition, Chapter 11 Driver/Operator of a Pumper Fire Apparatus

Below please find what has been previously approved by the Committee on Accreditation (COA) for this level of certification. This example does not take into consideration “Document Review”, “Portfolio”, or “Other testing methods.”

If your agency selects completing their online Assessment Methodology Matrix (AMM) utilizing these test methods, our Technical Analysts may place your application under a COA meeting consent agenda bypassing the usual COA review.

The spaces identified below with an “X” must be replaced with the appropriate cognitive test item numbers (e.g. Questions 1,4,6,7,9, etc.) or the score sheet numbers under Product, Psychomotor/Process methods as score sheet numbers (e.g.- SS 101, 202, and 304, etc.).

	Knowledge-Based Assessments (graded after submission)		**Performance-Based Assessments** (graded in real-time as they are performed)	
Section	**Cognitive** (e.g. Multiple Choice, Short Answer, Discretionary Time with Resources)	**Product** (e.g., document or develop a budget, proposal, lesson plan)	**Psychomotor** (Primarily an observable physical task. e.g., don, doff)	**Process** (Primarily a mental or verbalized task. e.g., inspect)
12.1.1 General Knowledge Requirements. The organization of the fire department; the role of the driver/operator in the organization; the mission of fire service; the fire department’s standard operating procedures (SOPs) and rules and regulations as they apply to the driver/operator; the value of fire and life safety initiatives in support of the fire department mission and to reduce firefighter line-of-duty injuries and fatalities; the role of other agencies as they relate to the fire department; aspects of the fire department’s member assistance program; the importance of physical fitness and a healthy lifestyle to the performance of the duties of a firefighter; the critical aspects of NFPA 1500.				
12.1.1	**X**			
12.2.1 Initiate the response to a reported emergency, given the report of an emergency, fire department standard operating procedures (SOPs), and communications equipment and technology, so that all necessary information is obtained, communications equipment and technology are operated correctly, and the information is relayed promptly and accurately to the dispatch center.				
12.2.1			**X**	
(A) Requisite Knowledge.				

Procedures for reporting an emergency; departmental SOPs for taking and receiving alarms, and the information needs of the dispatch center.			
12.2.1 (A)	**X**		
(B) Requisite Skills. The ability to operate fire department communications equipment and technology, relay information, and record information.			
12.2.1 (B)		**X**	**X**
12.2.2 Transmit and receive communications using fire department equipment and technology, given equipment and technology and operating procedures, so that the information is accurate, complete, clear, and relayed within the timeframe established by the AHJ.			
12.2.2			**X**
(A) Requisite Knowledge. Departmental communication procedures and etiquette for routine traffic, emergency traffic, and emergency evacuation signals.			
12.2.2 (A)	**X**		
(B) Requisite Skills. The ability to operate communications equipment and technology and discriminate between routine and emergency traffic.			
12.2.2 (B)			**X**
12.3.1 Perform the visual and operational checks on the systems and components specified in the following list in addition to those in 11.2.1, given a pumper, its manufacturer's specifications, and policies and procedures of the AHJ, so that the operational status of the pumper is verified: (1) Water tank and other extinguishing agent levels (if applicable) (2) Pumping systems (3) Foam systems			
12.3.1			**X**

(A) Requisite Knowledge. Manufacturer's specifications and requirements, and policies and procedures of the AHJ.			
12.3.1 (A)	X		
(B) Requisite Skills. The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.			
12.3.1 (B)			X
12.4.1 Respond on apparatus to an emergency scene, given safety equipment as provided by the AHJ, so that the apparatus is correctly mounted and dismounted and seat belts are used while the vehicle is in motion.			
12.4.1			X
(A) Requisite Knowledge. Mounting and dismounting procedures for riding fire apparatus, hazards and ways to avoid hazards associated with riding apparatus, prohibited practices, and types of department safety equipment and the means for usage.			
12.4.1 (A)	X		
(B) Requisite Skills. The ability to use each piece of provided safety equipment.			
12.4.1 (B)			X
12.4.2 Establish and operate in work areas at emergency and nonemergency scenes, given safety equipment, traffic and scene control devices, emergency and nonemergency scenes, traffic and other hazards, an assignment, and SOPs, so that procedures are followed, safety equipment is utilized, protected work areas are established as directed using traffic and scene control devices, and the driver/operator performs assigned tasks only in established, protected work areas.			
12.4.2			X
(A) Requisite Knowledge. Potential hazards involved in operating on emergency and nonemergency scenes including vehicle traffic, utilities, and environmental conditions; proper procedures for dismounting apparatus in traffic; procedures for safe operation at emergency and nonemergency scenes; and the safety equipment available for members on emergency and nonemergency scenes.			

12.4.2 (A)	X		
(B) Requisite Skills. The ability to use safety equipment, deploy traffic and scene control devices, dismount apparatus, establish and operate in the protected work areas as directed.			
12.4.2 (B)			X
12.4.3 Connect a pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed.			
12.4.3			X
(A) Requisite Knowledge. Loading and off-loading procedures for mobile water supply apparatus; fire hydrant operation; and suitable static water supply sources, procedures, and protocol for connecting to various water sources.			
12.4.3 (A)	X		
(B) Requisite Skills. The ability to hand lay a supply hose, connect and place hard suction hose for drafting operations, deploy portable water tanks as well as the equipment necessary to transfer water between and draft from them, make hydrant-to-pumper hose connections for forward and reverse lays, connect supply hose to a hydrant, and fully open and close the hydrant.			
12.4.3 (B)			X
12.4.4 Produce effective hand or master streams, given the sources specified in the following list, so that the pump is engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is monitored for potential problems: (1) Internal tank (2) Pressurized source (3) Static source (4) Transfer from internal tank to external source			
12.4.4			X

(A) Requisite Knowledge. Hydraulic calculations for friction loss and flow using both written formulas and estimation methods, safe operation of the pump, problems related to small-diameter or dead-end mains, low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources.			
12.4.4 (A)	X		
(B) Requisite Skills. The ability to position a pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, operate the volume/pressure transfer valve (multistage pumps only), operate auxiliary cooling systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves, and appliances.			
12.4.4 (B)			X
12.4.5 Pump a supply line of 2½ in. (65 mm) or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the correct pressure and flow are provided to the next pumper in the relay.			
12.4.5			X
(A) Requisite Knowledge. Hydraulic calculations for friction loss and flow using both written formulas and estimation methods, safe operation of the pump, problems related to small-diameter or dead-end mains, low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources.			
12.4.5 (A)	X		
(B) Requisite Skills. The ability to position a pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, operate the volume/pressure transfer valve (multistage pumps only), operate auxiliary cooling systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves, and appliances.			
12.4.5 (B)			X
12.4.6 Produce a foam fire stream, given foam-producing equipment, so that proportioned foam is provided.			
12.4.6			X

(A) Requisite Knowledge. Proportioning rates and concentrations, equipment assembly procedures, foam system limitations, and manufacturer's specifications.			
12.4.6 (A)	X		
(B) Requisite Skills. The ability to operate foam proportioning equipment and connect foam stream equipment.			
12.4.6 (B)			X
12.4.7 Supply water to fire sprinkler and standpipe systems, given specific system information and a pumper, so that water is supplied to the system at the correct volume and pressure.			
12.4.7			X
(A) Requisite Knowledge. Calculation of pump discharge pressure; hose layouts; location of fire department connection; alternative supply procedures if fire department connection is not usable; operating principles of sprinkler systems as defined in NFPA 13, NFPA 13D, and NFPA 13R; fire department operations in sprinklered properties as defined in NFPA 13E; and operating principles of standpipe systems as defined in NFPA 14.			
12.4.7 (A)	X		
(B) Requisite Skills. The ability to position a pumper to operate at a fire hydrant and at a static water source, power transfer from vehicle engine to pump, draft, operate pumper pressure control systems, operate the volume/pressure transfer valve (multistage pumps only), operate auxiliary cooling systems, make the transition between internal and external water sources, and assemble hose lines, nozzles, valves, and appliances.			
12.4.7 (B)			X