NFPA 1010: 2024 Edition, Chapter 15 Driver/Operator of Wildland Fire Suppression 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)
15.2.1 Initiate the response to a reported emergency, given the report of an emergency, fire department 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.				
15.2.1			**X**	
(A) Requisite Knowledge. Procedures for reporting an emergency, departmental SOPs for taking and receiving alarms, and the information needs of the dispatch center.				
15.2.1 (A)	**X**			
(B) Requisite Skills. The ability to operate fire department communications equipment and technology, relay information, and record information.				

15.2.1 (B)		X	X
15.2.2 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.			
15.2.2			X
(A) Requisite Knowledge. Departmental communication procedures and etiquette for routine traffic, emergency traffic, and emergency evacuation signals.			
15.2.2 (A)	X		
(B) Requisite Skills. The ability to operate communications equipment and technology and discriminate between routine and emergency traffic.			
15.2.2 (B)			X
15.3.1 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 wildland fire apparatus, its manufacturer's specifications, and policies and procedures of the jurisdiction, so that the operational status is verified: (1) Water tank or other extinguishing agent levels (if applicable) (2) Pumping systems (3) Foam systems			
15.3.1			X
(A) Requisite Knowledge. Manufacturer's specifications and requirements, and policies and procedures of the jurisdiction.			
15.3.1 (A)	X		
(B) Requisite Skills. The ability to use hand tools, recognize system problems, and correct any deficiency noted according to policies and procedures.			

15.3.1 (B)			X
15.4.1* Operate a wildland fire apparatus, given a predetermined route off of a public way that incorporates the maneuvers and features that the driver/operator is expected to encounter during normal operations, so that the vehicle is operated in compliance with all applicable departmental rules and regulations and the design limitations of the vehicle.			
15.4.1			X
(A) Requisite Knowledge. The effects on vehicle control of braking reaction time and load factors; effects of high center of gravity on rollover potential, general steering reactions, speed, and centrifugal force; applicable laws and regulations; principles of skid avoidance, night driving, shifting, and gear patterns; negotiating intersections, railroad crossings, and bridges; weight and height limitations for both roads and bridges; identification and operation of automotive gauges; and operational limits.			
15.4.1 (A)	X		
(B) Requisite Skills. The ability to operate passenger restraint devices; maintain safe following distances; maintain control of the vehicle while accelerating, decelerating, and turning, given road, weather, and traffic conditions; operate during nonemergency conditions; operate under adverse environmental or driving surface conditions; and use automotive gauges and controls.			
15.4.1 (B)			X
15.5.1 Produce effective fire 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 the apparatus is monitored for potential problems: (1) Water tank (2) Pressurized source (3) Static source			
15.5.1			X
(A) Requisite Knowledge. Hydraulic calculations for friction loss and flow using both written formulas and estimation methods, safe operation of the pump, correct apparatus placement, personal safety considerations, problems related to small-			

diameter or dead-end mains and low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources.			
15.5.1 (A)	X		
(B) Requisite Skills. The ability to position a wildland fire apparatus to operate at a fire hydrant and at a static water source, place apparatus for fire attack, transfer power 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.			
15.5.1 (B)			X
15.5.2 Pump a supply line, given a relay pumping evolution the length and size of the line and pumping flow and desired intake pressure, so that correct intake pressures and flow are provided to the next pumper in the relay.			
15.5.2			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 main and low-pressure and private water supply systems, hydrant coding systems, and reliability of static sources.			
15.5.2 (A)	X		
(B) Requisite Skills. The ability to position a wildland apparatus to operate at a fire hydrant and at a static water source, transfer power 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.			
15.5.2 (B)			X
15.5.3 Produce a foam fire stream, given foam-producing equipment, so that the correct proportion of foam is provided.			
15.5.3			X
(A) Requisite Knowledge.			

Proportioning rates and concentrations, equipment assembly procedures, foam systems limitations, and manufacturer's specifications.			
15.5.3 (A)	X		
(B) Requisite Skills. The ability to operate foam proportioning equipment and connect foam stream equipment.			
15.5.3 (B)			X