

11 NCAC 05A .0905 APPARATUS SPECIFICATIONS AND EQUIPMENT

(a) Engines. All stations shall have at least one engine that is:

- (1) Constructed in accordance with NFPA 1901, "Standard for Automotive Fire Apparatus"; and
- (2) Equipped with the following:
 - (A) A pump certified by an independent third-party certification organization that is accredited for inspection and testing systems on fire apparatus in accordance with NFPA 1901, "Standard for Automotive Fire Apparatus."
 - (B) A pump rated at not less than 750 GPM at 150 PSI net pump pressure.
 - (C) A tank with at least a 300-gallon capacity.
 - (D) Two 200-foot pre-connected hose lines, with a diameter of 1 ½ inches, 1 ¾ inches, or 2 inches, with nozzles that have a minimum flow of 95 GPM.
 - (E) At least 20 feet of hard-suction hose in a size to flow the capacity of the engine, or at least 15 feet of soft-suction hose with a diameter of at least four inches.
 - (F) Four self-contained breathing apparatus (SCBA) in proper working condition. A SCBA shall be considered in proper working condition if the facepiece, back frame and harness, cylinder, hoses, low air alarms, regulators, and accessories are tested and operational in accordance with manufacturer's recommendations. The SCBA's shall be certified in accordance with NFPA 1981, "Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services."
 - (G) Four spare SCBA cylinders.
 - (H) One roof ladder at least 12 feet long.
 - (I) One extension ladder at least 24 feet long.
 - (J) One folding ladder.
 - (K) One pike-head axe.
 - (L) One flat-head axe.
 - (M) One forcible entry tool.
 - (N) One pike pole or plaster hook at least 6 feet long.
 - (O) Two portable, rechargeable hand lights suitable for use in hazardous conditions in accordance with NFPA 70, "National Electrical Code."
 - (P) 100 feet of utility rope, at least ½ inch in diameter.
 - (Q) Two 20 pound, class BC portable extinguishers.
 - (R) One 2½-gallon water extinguisher.
 - (S) One first aid kit.
 - (T) One bolt cutter at least 14 inches long.
 - (U) One two-way radio assigned to the apparatus.
 - (V) One traffic vest for each riding position.

(b) Tankers. If a station has a tanker, the tanker shall:

- (1) Be equipped with at least 1,000 gallons of water.
- (2) Be equipped with hoses and equipment for filling the tank and transferring water to the engine.
- (3) Be properly baffled in accordance with NFPA 1901, "Standard for Automotive Fire Apparatus."
- (4) Be equipped with one traffic vest for each riding position.

(c) Protective Clothing. Each eligible firefighter shall be provided protective clothing approved pursuant to NFPA 1851, "Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting," including:

- (1) Helmet.
- (2) Coat.
- (3) Pants.
- (4) Boots.
- (5) Gloves.
- (6) Hoods.

(d) A fire station shall inspect all equipment inventory monthly, and document the inspection.

(e) A fire station shall perform maintenance on engines and tankers in accordance with manufacturers recommendations, and maintain logs documenting all such maintenance.

(f) A fire department shall perform a fire pump performance test on all engines annually, in accordance with NFPA 1911, "Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Emergency Vehicles." If the

engine was purchased within the previous 12 months, the certification required by Part (a)(2)(A) of this Rule shall satisfy this requirement.

(g) All NFPA standards referenced in this Rule are herein incorporated by reference, including subsequent amendments and editions. Copies of these standards are available for public inspection at the Department, or may viewed online for free at the National Fire Protection Association website at <http://www.nfpa.org>.

History Note: Authority G.S. 58-2-40; 58-36-10; 58-40-25;
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