

RESOLUTION NO. 17 - 5

**RESOLUTION AMENDING THE STANDARDS FOR
CHARTERED VOLUNTEER FIRE COMPANIES IN WORCESTER COUNTY**

WHEREAS, Section PS 1-103(b) of the Public Safety Article of the Code of Public Local Laws of Worcester County, Maryland provides that the Worcester County Commissioners shall, by resolution, adopt standards for chartered volunteer fire companies in Worcester County, Maryland; and

WHEREAS, the County Commissioners passed a Resolution on July 26, 1977, establishing minimum standards for chartered volunteer fire companies in Worcester County, Maryland and comprehensively amended said standards by Resolution No. 07-27 adopted on October 2, 2007 and again by Resolution No. 11-04 adopted on February 15, 2011; and

WHEREAS, the County Commissioners have determined that the standards for the Age of Pumpers (Section IV. 2.) should be amended to provide that while the newest pumper must be no more than 20 years old, additional pumpers can stay in service regardless of age as long as they pass the Department of Transportation (DOT) and pump test annually.

NOW THEREFORE, BE IT RESOLVED, by the County Commissioners of Worcester County, Maryland, that the following standards for apparatus, equipment and training for chartered volunteer fire companies in Worcester County are hereby adopted to replace the previous standards:

- I. Membership: Active company membership must consist of at least 20 members, including at least three active line officers, all of whom must reside within the effective radius of the fire company based upon the location of the fire station. Active members shall be physically qualified to perform assigned duties.

- II. Training:
 1. At least three trained active operators must be appointed to drive and operate each piece of apparatus. These operators shall be thoroughly familiar with the operation of the apparatus and will be under the guidance of the Chief Officer.
 2. A minimum of 10 active members in the company shall have completed at least the FireFighter One program offered by the Maryland Fire and Rescue Institute or its equivalency.

- III. Records:
 1. Each fire company must maintain records in which the following information shall be recorded; date of fire, time out, time in, attendance, how extinguished, including any chemicals used and by apparatus, size and amount of hose used, lives lost, firefighter injuries and all reports required by law.
 2. Each fire company shall submit Maryland Fire Reporting Incident System (MFRIS) reports on a timely basis.
 3. Each fire company shall complete the Maryland State Fireman's Association (MSFA) Annual Statistical Report.
 4. Each fire company shall provide the appropriate County Departments with membership rosters on an annual basis.
 5. Each fire company shall provide the appropriate County Departments with an updated equipment/apparatus inventory list on an annual basis.

6. Each fire company shall provide financial information as requested by the County Commissioners.

IV. Apparatus and Equipment: The company must be equipped with serviceable fire apparatus meeting all certification tests of the Fire Inspection Team as follows:

1. Companies having a water supply approved by the Maryland Rating Bureau, or its successor, located within its primary area shall have two pumpers capable of pumping 750 gallons per minute and each capable of carrying 500 gallons of water and each equipped as motorized pumpers as hereinafter provided.
2. Age of Pumpers
 - A. The age of pumpers shall be computed from the date of the Underwriter's inspection,
 - B. All companies shall have at least one pumper that is less than 20 years old. Additional pumpers are permitted to remain in service, regardless of age, provided they pass an annual Department of Transportation (DOT) inspection and a successful pump inspection and test conducted by either the apparatus' manufacturer, an Underwriter's Laboratory (UL) Approved Inspection Company, or a Factory Mutual (FM) Approved Inspection Company at 30 years of age and at least every 5 years thereafter. (Age of the apparatus is defined by the age of the vehicle chassis, not the pump or year placed in service).
 - C. Any company at the time of its initial charter from the County Commissioners' (other than those chartered pursuant to the transition provisions hereof) shall have no qualifying pumper more than five years old.
3. The term "qualifying pumper" shall mean all those pumpers required by a company to fulfill the requirements of this provision. Nothing herein shall prohibit companies from owning or utilizing additional pumpers or equipment.
4. Apparatus Type and Required Equipment:

A. Class A Pumper

- (1) One of said pumpers shall be capable of pumping 750 gallons per minute and capable of carrying 500 gallons of water and shall be equipped as a motorized pumper as hereinafter provided
- (2) 1000 feet of 2 ½ or 3 inch (or greater) supply hose (National Standard (NS) hose thread coupling or Storz)
- (3) 20 feet of hard suction hose and strainer to comply with National Fire Protection Association (NFPA) recommendations in existence at the time the apparatus was built,
- (4) 250 feet of 1 ½ or 1 ¾ inch hose (NS hose thread coupling)
- (5) 150 feet of ¾ inch or larger hose, pre-connected to apparatus and equipped with combination fog and straight stream nozzle
- (6) All hose must pass an annual test at 250 pounds per square inch (psi) and must be carried on pumpers at all times
- (7) One (1) 12 foot minimum roof ladder with folding hooks
- (8) One (1) 24 foot minimum extension ladder (fire service approved)
- (9) One (1) pike pole, 8 foot minimum
- (10) Two (2) axes, pick and flat headed
- (11) One (1) 2 ½ inch nozzle, shut-off type with capacity of 200 gallons per minute (GPM) or more,
- (12) One (1) 1 ½ inch nozzle, shut-off type with combination fog and straight stream
- (13) One (1) 2 ½ inch double female coupling
- (14) One (1) 2 ½ inch double male coupling

- (15) One (1) 2 ½ inch wye reduced with two 1 ½ inch shut-off discharges
- (16) One (1) reducer, 2 ½ inch female to 1 ½ inch male
- (17) One (1) reducer, suction size to 2 ½ inch
- (18) Two (2) spanner wrenches
- (19) One (1) adjustable hydrant wrench
- (20) Two (2) salvage covers, 12 feet x 12 feet minimum
- (21) 125 foot lifeline of 1/2 inch kernmantle rope (or equivalent)
- (22) One (1) broom
- (23) One (1) shovel
- (24) One (1) Medical Bag
- (25) Four (4) SCBA "Self-Contained Breathing Apparatus"
- (26) One (1) electric cord reel
- (27) One (1) accountability ring
- (28) Two (2) hand lights
- (29) Two (2) portable fire extinguishers, one must be 10 BC rating (BC - Class B - Flammable Liquid Fires; Class C - Energized Electrical Equipment Fires)
- (30) Warning signals (light, bell, siren, or whistle) to be in good working condition and shall meet the minimum standards at time of purchase
- (31) Back-up alarms on all pumpers
- (32) All equipment to be maintained ready for service at all times and shall have annual Department of Transportation (DOT) inspections by an approved agency
- (33) Registered as an Emergency Vehicle by the Maryland Motor Vehicle Administration or its successor
- (34) Approved means of communication with Worcester County 911 Center
- (35) Requested minimum staffing of four persons

B. Pumper/Tanker

- (1) Must have all of the equipment mentioned above for a Pumper and shall be capable of carrying 2000 gallons of water.

C. Tanker

- (1) Two (2) axes, pick and flat headed
- (2) Two (2) hand lights
- (3) One (1) portable fire extinguisher
- (4) One (1) pike pole
- (5) 100 feet of 2½ or 3 inch (or greater) supply hose (NS hose thread coupling or Storz)
- (6) 150 feet of 1 ½ or 1 ¾ hose (NS hose thread coupling)
- (7) One (1) hydrant wrench
- (8) Two (2) spanner wrenches
- (9) One (1) 2 ½ inch double female coupler
- (10) One (1) 2 ½ inch double male coupler
- (11) One (1) Medical Bag
- (12) 20 feet of hard suction hose and strainer to comply with NFPA recommendations in existence at the time the apparatus was built
- (13) Back-up alarms on all tankers
- (14) All equipment to be maintained ready for service at all times and shall have annual Department of Transportation inspections by an approved agency
- (15) Registered as an Emergency Vehicle by the Maryland Motor Vehicle Administration or its successor
- (16) Warning signals (light, bell, siren, or whistle) to be in good working condition and shall meet the minimum standards at time of purchase
- (17) Approved means of communication with Worcester County 911 Center.
- (18) A rapid means to off-load water (dump valve)

- (19) One (1) accountability ring
- (20) Shall be capable of carrying 2000 gallons of water
- (21) Two (2) SCBA "Self-Contained Breathing Apparatus"

D. Aerial Apparatus (Ladder/Tower/Squirt)

- (1) Warning signals (light, bell, siren, or whistle) to be in good working condition and shall meet the minimum standards at time of purchase
- (2) Back-up alarms on all aerial apparatus
- (3) All equipment to be maintained ready for service at all times and shall have annual Department of Transportation inspections by an approved agency
- (4) Registered as an Emergency Vehicle by the Maryland Motor Vehicle Administration or its successor
- (5) Approved means of communication with Worcester County 911 Center
- (6) Requested minimum staffing of four persons
- (7) One accountability ring
- (8) Have a heavy metal ladder or platform which must be a minimum of sixty-five (65) feet in height from the ground to the top (Squirt shall be a minimum Fifty (50) feet in height). Apparatus shall have an intercom system from the turntable to the tip of the ladder or platform
- (9) Shall be tested in accordance with NFPA 1904, Chapter 11, as from time to time amended
- (10) A minimum of 115 feet (35 meters) of ground ladders shall be supplied and installed by the contractor. As a minimum, the following types of ladders shall be provided:
 - a. One (1) attic ladder
 - b. Two (2) straight ladders (with folding roof hooks)
 - c. Two (2) extension ladders
- (11) The ground ladders shall meet the requirements of NFPA 1931, *Standard on Design of and Design Verification Tests for Fire Department Ground Ladder*, as from time to time amended
- (12) Two (2) 6 pound (2.7 kg) flathead axes mounted in brackets fastened to the apparatus
- (13) Three (3) 6 pound (2.7 kg) pickhead axes mounted in brackets fastened to the apparatus
- (14) Four (4) pike poles mounted in brackets fastened to the apparatus
- (15) Two (2) 3 foot to 4 foot (1 m to 1.2 m) plaster hooks mounted in brackets fastened to the apparatus
- (16) Two (2) crowbars mounted in brackets fastened to the apparatus
- (17) Two (2) halogen style tools mounted in brackets fastened to the apparatus
- (18) Two (2) 8 pound sledgehammers mounted in brackets fastened to the apparatus
- (19) Four (4) portable hand lights mounted in brackets fastened to the apparatus
- (20) One (1) approved dry chemical portable fire extinguisher with a minimum 40-BC rating mounted in a bracket fastened to the apparatus
- (21) One (1) 2½ gallon (9.5 L) or larger water extinguisher mounted in a bracket fastened to the apparatus
- (22) One (1) Medical Bag
- (23) Two (2) salvage covers, each a minimum size of 12 feet × 12 feet
- (24) One (1) scoop shovel mounted in brackets fastened to the apparatus
- (25) One (1) pair of bolt cutters, 24 inches (0.6 m) minimum, mounted in a bracket fastened to the apparatus
- (26) Three (3) Class III Harnesses
- (27) One (1) 150 foot (45 m) light-use life safety rope meeting the requirements of NFPA 1983, *Standard on Fire Service Life Safety Rope and System Components*, as from time to time amended

- (28) One (1) 150 foot (45 m) general-use life safety rope meeting the requirements of NFPA 1983, *Standard on Fire Service Life Safety Rope and System Components*, as from time to time amended
- (29) Two (2) 100 foot utility ropes having a breaking strength of at least 5000 pounds (2300 kg)
- (30) One (1) box of tools to include the following:
 - a. One (1) hacksaw with three blades
 - b. One (1) keyhole saw
 - c. One (1) 12 inch (0.3 m) pipe wrench
 - d. One (1) 24 inch (0.6 m) pipe wrench
 - e. One (1) ballpeen hammer
 - f. One (1) pair of tin snips
 - g. One (1) pair of pliers
 - h. One (1) pair of lineman's pliers
 - i. Assorted types and sizes of screwdrivers
 - j. Assorted adjustable wrenches
 - k. Assorted combination wrenches
- (31) Two (2) wheel chocks, mounted in readily accessible locations, each designed to hold the apparatus, when loaded to its maximum in-service weight, on a 10 percent grade with the transmission in neutral and the parking brake released
- (32) One (1) double female 2½ inch (65 mm) adapter with National Hose threads, mounted in a bracket fastened to the apparatus
- (33) One (1) double male 2½ in. (65 mm) adapter with National Hose threads, mounted in a bracket fastened to the apparatus
- (34) One (1) rubber mallet, for use on suction hose connections, mounted in a bracket fastened to the apparatus
- (35) Two (2) hydrant wrenches mounted in brackets fastened to the apparatus
- (36) The aerial device shall be inspected and tested in accordance with the requirements of NFPA 1914, *Standard for Testing Fire Department Aerial Devices*, as from time to time amended
- (37) Waterway delivery system; shall have a flow capacity of not less than 500 GPM
- (38) Generator or Electrical Power Plant shall be a minimum of 7.5 kilowatts (KW), have six (6) 500 watt floodlights (at least four to be portable), four (4) portable hand held lights, one (1) smoke ejector minimum 20 inch, 500 feet of 12-3 gage or heavier electrical cord NEC (National Electric Code) in working lengths and assorted pigtails, and two (2) NEC junction boxes
- (39) One (1) stokes basket
- (40) Power saws and accessories
 - a. Two (2) Ventilation type saws
 - b. Four (4) pairs of safety glasses
 - c. Hearing protection
- (41) One (1) PPV (Positive Pressure Ventilation) or Negative Pressure Fan
- (42) Four (4) SCBA "Self-Contained Breathing Apparatus"

E. Rescue

- (1) Plastic "Emergency Scene" or equivalent crowd control tape
- (2) One (1) 6 pound (2.7 kg) flathead axe
- (3) One (1) 6 pound (2.7 kg) pickhead axe
- (4) One (1) 6 foot (2 m) pike pole or plaster hook
- (5) One (1) 8 foot (2.4 m) or longer nonconductive pike pole
- (6) One (1) crowbar [36 inch (1 m) minimum] with brackets
- (7) One (1) pair of bolt cutters with ½ in. (11 mm) minimum cut
- (8) One (1) Halogens-type tool with brackets
- (9) Two (2) shovels (one pointed and one scoop)

- (10) Two (2) 8 pound (3.6 kg) sledgehammers
- (11) Two (2) Class III life safety harnesses meeting the requirements of NFPA 1983, Standard on Fire Service Life Safety Rope and System Components, as from time to time amended
- (12) One (1) 75 foot length throw bag
- (13) One (1) 150 foot (45 m) length of general-use life safety rope meeting the requirements of NFPA 1983, as from time to time amended
- (14) One (1) 150 foot (45 m) length of light-use life safety rope meeting the requirements of NFPA 1983, as from time to time amended
- (15) One (1) 100 foot length of utility rope having a breaking strength of at least 5000 pounds (2200 kg)
- (16) One (1) box of tools to include the following:
 - a. One (1) hacksaw with three blades
 - b. One (1) keyhole saw
 - c. One (1) 18 inch (450 mm) pipe wrench
 - d. One (1) hammer
 - e. One (1) pair of tin snips
 - f. One (1) pair of pliers
 - g. One (1) pair of lineman's pliers
 - h. Assorted types and sizes of screwdrivers
 - i. Assorted adjustable wrenches
 - j. Assorted combination wrenches
- (17) Two (2) salvage covers, each a minimum size of 12 foot × 12 foot
- (18) One (1) 4000 Watt (minimum) portable generator if the apparatus does not have a fixed line voltage power source
- (19) Two (2) 500 Watt portable lights
- (20) One (1) cord reels with minimum 125 foot (38 m) of 10 AWG (American Wire Gauge), 3-wire cord on each with connections that are compatible with lights and generator
- (21) One (1) PPV (Positive Pressure Ventilation) or Negative Pressure Fan
- (22) Two (2) 10 ton (9000 kg) hydraulic jacks
- (23) Two (2) 20 ton (18,000 kg) hydraulic jacks
- (24) One (1) roll 15 pound (6.8 kg) tar paper or plastic sheeting at least 8 mil (0.203 mm) thick
- (25) Two (2) pairs of safety goggles
- (26) One (1) power saw (chain or heavy-duty rotary type)
- (27) One (1) Reciprocating Type Saw with Blades
- (28) One (1) powered rescue tool capable of cutting and spreading with associated accessory equipment
- (29) Shoring of various sizes and lengths
- (30) One (1) 10 foot (3 m) and one 15 foot (4.5 m) system chain
- (31) One (1) set of air bags
- (32) Assorted rolls of tape (duct tape, electrical tape, cellophane tape, etc.)
- (33) One (1) stokes basket
- (34) One (1) gas shutoff wrench
- (35) Two (2) blankets
- (36) Warning signals (light, bell, siren, or whistle) to be in good working condition and shall meet the minimum standard at time of purchase
- (37) Back-up alarms on all rescues
- (38) All equipment to be maintained ready for service at all times and shall have annual Department of Transportation inspections by an approved agency
- (39) Registered as an Emergency Vehicle by the Maryland Motor Vehicle Administration or its successor
- (40) Approved means of communication with Worcester County 911 Center,
- (41) Requested minimum staffing of four persons

- (42) One (1) portable oxygen delivery system capable of providing oxygen administration. To include appropriate disposable face masks, one (1) adult non-rebreather mask, one (1) pediatric non-rebreather mask and one (1) adult nasal cannula
- (43) One (1) air system capable of providing compressed air suitable for human respiration with self-contained breathing apparatus. The air system shall be capable of filling thirty (30) minute or forty-five (45) minute bottles. The air system shall comply with all requirements established by the Occupational Safety and Health Act (OSHA), all American Society of Mechanical Engineers (ASME) codes, all DOT standards, and all other applicable codes
- (44) Four (4) SCBA "Self-Contained Breathing Apparatus"

F. Pumper/Rescue

- (1) Must have all of the equipment mentioned above for a Pumper and all of the equipment mentioned above for a Rescue.

G. Brush Truck

- (1) Warning signals (light, bell, siren, or whistle) to be in good working condition and shall meet the minimum standards at time of purchase
- (2) Back-up alarms on all brush units
- (3) All equipment to be maintained ready for service at all times and shall have annual Department of Transportation inspections by an approved agency
- (4) Registered as an Emergency Vehicle by the Maryland Motor Vehicle Administration or its successor
- (5) Approved means of communication with Worcester County 911 Center
- (6) Requested minimum staffing of two (2) persons
- (7) Minimum 100 gallon water capacity with approved pump & roll ability
- (8) Four (4) rakes
- (9) One (1) shovel
- (10) 150 feet of ¾ inch or larger hose, pre-connected to apparatus and equipped with combination fog and straight stream nozzle

V. Miscellaneous:

- 1. The company must have an effective means of receiving an alarm of fire and alerting the company membership as may be determined by the Fire Inspection Team of Worcester County.
- 2. Each department shall have and maintain a "Thermal Imaging Camera" which shall be located on one of the department's front line apparatus.
- 3. Each department shall have and maintain "Rapid Intervention Team" (RIT) equipment. The RIT equipment shall include breathing air with a standard connection and miscellaneous hand tools.
- 4. Each department shall have and maintain one (1) smoke ejector (positive or negative pressure).
- 5. Each department shall have and maintain a minimum of ten (10) Self-Contained Breathing Apparatus and ten (10) spare Self-Contained Breathing Apparatus cylinders.
- 6. Each department shall have and maintain one Bio-hazard kit; consisting of: four (4) surgical masks, four (4) eye protection devices, four (4) protective gowns, two (2) red bio-waste bags, two (2) yellow bio-waste bags, ten (10) plastic trash bags, twenty-four (24) paper towels, twenty-four (24) clean towelettes, two (2) water-soluble bags, and two (2) cans of foam alcohol scrub.

7. Each department shall maintain an approved means of flowing foam (Class B Foam with Aspirated Nozzle @ 95 GPM and 20 gallons of concentrate).

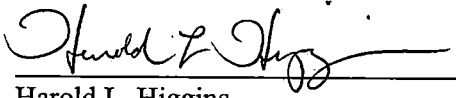
VI. References: The Worcester County Fire Company Inspection Team (as appointed by the Worcester County Commissioners) may consider the following approvals in making determinations on any inspections;

1. National Fire Protection Association (NFPA) Standards,
2. Maryland Rating Bureau,
3. Insurance Service Office of Maryland,
4. Underwriters Laboratories, Inc.,
5. Such other certifications or approvals as the Inspection Team may determine appropriate and relevant.

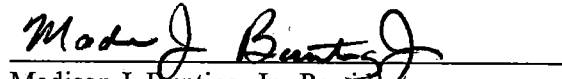
AND, BE IT FURTHER RESOLVED that this Resolution shall take effect upon its passage.


PASSED AND ADOPTED this 7th day of February 2017.

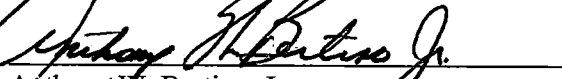
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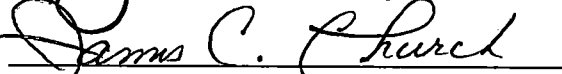

Harold L. Higgins
Chief Administrative Officer

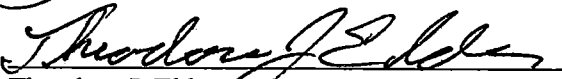
COUNTY COMMISSIONERS OF
WORCESTER COUNTY, MARYLAND


Madison J. Bunting, Jr., President


Diana Furnell, Vice President

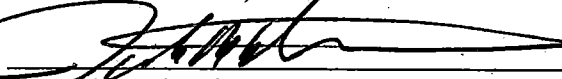

Anthony W. Bertino, Jr.


James C. Church


Theodore J. Elder

Absent

Merrill W. Lockfaw, Jr.


Joseph M. Mitrecic