

# MONTGOMERY COUNTY FIRE CHIEF'S AID ASSN.



## Apparatus Minimum Standards Checklist

### Engine and/or Pipeline

**Date of Inspection:** \_\_\_\_\_

\_\_\_\_\_ Verification of compliance with the National Fire Protection (NFPA) Standard (Std.) 1901 for Automotive Apparatus.

\_\_\_\_\_ Verification of the pump test in accordance with NFPA Std. 1911, Service Test of Pumps on Fire Department Apparatus.

Date: \_\_\_\_\_ Testing Authority: \_\_\_\_\_

\_\_\_\_\_ Verification of Ground Ladder certification in accordance with NFPA Std. 1931, Design of and Design Verification Tests for Fire Department Ground Ladders.

Date: \_\_\_\_\_ Certifying Agency: \_\_\_\_\_

Date: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

- All portable equipment must be labeled with fire company name or unit designation.
- All battery operated equipment must have spare battery for each tool.
- All gas powered equipment must have appropriate spare gas.

**Purpose:** Engine – minimum equipment standard for Class A pumper

Pipeline – Engine with an extended supply line and pump capacities

## Apparatus Minimum Standards Checklist

### Engine / Pipeline (Continued)

\_\_\_\_\_ One (1) self-contained breathing apparatus (SCBA) and spare bottle complying with NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for the Fire Service, for each assigned seating position, but not less than four (4) (Flip down seats are not considered an assigned seating position).

\_\_\_\_\_ Minimum pump capacity.

\_\_\_\_\_ - Engine - 1,000 GPM

\_\_\_\_\_ - Pipeline - 1,500 GPM

\_\_\_\_\_ Booster Tank – 300 gallon minimum capacity

\_\_\_\_\_ Adequate adapters per NFPA – to meet your primary operating area.

\_\_\_\_\_ Minimum of one (1) fixed or portable master stream device.

\_\_\_\_\_ Minimum of 15 ft (4.6 m) of soft suction hose (5” pony lines)

\_\_\_\_\_ Minimum of two (2) 150 feet length 1-1/2, 1-3/4, or 2 inch pre-connected hand lines with one (1) appropriate nozzle for each pre-connect.

\_\_\_\_\_ Minimum supply line.

\_\_\_\_\_ - Engine – 1,000 feet of 3 inch or larger.

\_\_\_\_\_ - Pipeline – 2,000 feet of 5 inch.

\_\_\_\_\_ 3 Prong, 20 AMP NEMA L5-20R Electrical adapters.

\_\_\_\_\_ One (1) straight ladder equipped with roof hooks. (12 foot minimum)

\_\_\_\_\_ One (1) extension ladder. (24 foot minimum)

\_\_\_\_\_ One (1) collapsible ladder (10 foot minimum).

\_\_\_\_\_ One (1) approved dry chemical portable fire extinguisher with a minimum 20 lb.-B:C rating secured to the apparatus.

\_\_\_\_\_ One (1) 2-1/2-gal (9.5-L) or larger water extinguisher secured to the apparatus.

\_\_\_\_\_ Two (2) portable hand lights secured to the apparatus

\_\_\_\_\_ One (1) 6-lb (2.7-kg) flat head axe secured to the apparatus.

\_\_\_\_\_ One (1) 6-lb (2.7-kg) pick head axe secured to the apparatus.

\_\_\_\_\_ One (1) 6-ft (2-m) pike pole or plaster hook secured to the apparatus

Apparatus Minimum Standards Checklist  
**Engine / Pipeline (Continued)**

- \_\_\_\_\_ One (1) 8-ft (2.4-m) or longer pike pole secured to the apparatus
- \_\_\_\_\_ One (1) bolt cutter.
- \_\_\_\_\_ Two (2) Haligan or equivalent pry-bars, minimum 30-inches.
- \_\_\_\_\_ Two (2) salvage covers.
- \_\_\_\_\_ First Aid equipment – minimum of one (1) medical jump bag
- \_\_\_\_\_ One (1) box of disposable gloves
- \_\_\_\_\_ Minimum of two (2) portable radios (800 MHz) compatible with Montgomery County 800 system.
- \_\_\_\_\_ Binoculars
- \_\_\_\_\_ One (1) 500' roll of fire line or caution tape
- \_\_\_\_\_ Traffic control devices (cones, flashing lights, etc.)

**Recommended Equipment:**

- \_\_\_\_\_ Generator – minimum 5.0 KW capacity
- \_\_\_\_\_ Electric Cord, minimum 200 feet, fixed or portable with NEMA L5-20R connectors
- \_\_\_\_\_ Foam Capability – minimum of 10 gallons of foam, nozzle, eductor & applicator
- \_\_\_\_\_ Booster Hose – 200 feet
- \_\_\_\_\_ Saw
- \_\_\_\_\_ Thermal Imaging Camera
- \_\_\_\_\_ One (1) Smoke Ejector with hanging bar or PPV fan.
- \_\_\_\_\_ Gas Detector
- \_\_\_\_\_ Heat Detector
- \_\_\_\_\_ Hose clamp

Apparatus Minimum Standards Checklist  
**Engine / Pipeline (Continued)**

PASS: \_\_\_\_\_ FAIL: \_\_\_\_\_

Re-inspection Date: \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspector Signature: \_\_\_\_\_

Inspector Signature: \_\_\_\_\_