

**POLICY OF
AUTHORIZED FIRE APPARATUS PURCHASES
NEW MEXICO STATE FIRE MARSHAL DIVISION
FIRE SERVICE SUPPORT BUREAU**

POLICY

It shall be the policy of the New Mexico State Fire Marshal Division to establish guidelines for all certified Fire Departments and County Fire Districts, to provide direction in expenditure of their respective fire fund distribution. The following policy is to guide the fire department/district as to the requirements for expending its fire protection funds, in regard to purchasing fire apparatus. It shall also be known that this policy is in no way intended to direct any fire department/district in expending other funds which may be available to the fire department district, such as county ¼ percent, excise taxes, grants, or other government supplements not relating to the Fire Protection Fund.

PURCHASE OF FIRE APPARATUS

In Accordance with 10 NMAC 25.10 the Fire Department/District shall obtain a complete set of **build specifications** for the particular fire apparatus which is being requested to be purchased. The specifications shall comply with the Most Current Edition of NFPA 1900 Standard for Aircraft Rescue & Firefighting Vehicles Automotive Fire Apparatus, Wildland Fire Apparatus & Automotive Ambulances 2024 Edition. The Specifications shall be submitted to the Fire Service Support Bureau for review. The specifications should be **generic build specification and should not include a name, company logo or other information of a specific manufacturer or vendor.** The following shall be included for each type of apparatus to obtain authorization of expenditure of fire funds. Failure to provide the required detailed specifications will result in immediate rejection.

PUMPER FIRE APPARATUS

Pumper Fire Apparatus shall comply with the most current edition of NFPA 1900. The specification shall meet the intent of NFPA 1900 and at minimum the Fire Pumper shall have followed equipment,

Fire Pump: The apparatus shall be equipped with a fire pump that has a minimum rated capacity of 750 GPM.

Water Tank: The pumper shall be equipped with a water tank(s) that meets the requirements of minimum certified capacity (combined, if applicable) of 300 gal (1100 L).

Equipment Storage: Enclosed weather-resistant compartmentation with ventilation and have provisions for drainage of moisture that meets the current NFPA 1900 Standard.

Hose Storage: Hose bed area(s), compartments, or reels that comply with the current NFPA 1900 Standard.

Equipment: a detailed list of who is to furnish the equipment to be carried on the apparatus and the method for organizing and mounting these items shall be supplied by the purchasing authority.

Ground Ladders: At a minimum, the following fire department ground ladders shall be in place with the apparatus when placed in service.

- (1) One straight ladder equipped with roof hooks.
- (2) One extension ladder
- (3) One folding ladder

Suction and Supply Hose: A minimum of 20 ft (6 m) of suction hose or 15 ft (4.5 m) of supply hose should be in place with the apparatus and shall have couplings compatible with the local hydrant outlet connection on one end and the pump intake connection on the other end. The Fire Department/District shall specify whether suction hose or supply hose is to be provided, the length and size of the hose, the type and size of the couplings, the manner in which the hose is to be carried on the apparatus, and the style of brackets desired.

Hoses and Nozzles: The following fire hose and nozzles shall be carried on the apparatus:

- (1) 1,200 ft (240 m) of 2 ½ in. (65 mm) or larger fire hose
- (2) 400 ft (120 m) of 1 ½ in. (38 mm), 1 ¾ in. (45 mm), or 2 in. (52 mm) fire hose
- (3) One hand line nozzle, 200 gpm (750 L/min) minimum
- (4) Two hand line nozzles, 95 gpm (360 L/min) minimum
- (5) One play pipe with shutoff and 1 in. (25 mm), 1 1/8 in. (29 mm), and 1 ¼ in. (32 mm) tips
- (6) One 1,000 gpm master stream appliance.

Required Loose Equipment: The following additional equipment shall be carried; at the time the apparatus is placed in service. The equipment may be purchased new, with the apparatus, or may be transferred from an existing apparatus.

- (1) One 6 lb (2.7 kg) flathead axe mounted in a bracket fastened to the apparatus.
- (2) One 6 lb (2.7 kg) pick head axe mounted in a bracket fastened to the apparatus.
- (3) One 6 ft (2 m) pike pole or plaster hook mounted in a bracket fastened to the apparatus.
- (4) One 8 ft (2.4 m) or longer pike pole mounted in a bracket fastened to the apparatus.
- (5) Two portable hand lights mounted in brackets fastened to the apparatus.
- (6) One approved dry chemical portable fire extinguisher with a minimum 80-B: C rating mounted in a bracket fastened to the apparatus.
- (7) One 2-1/2 gal (9.5 L) or larger water extinguisher mounted in a bracket fastened to the apparatus.
- (8) One self-contained breathing apparatus (SCBA) complying with NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services*, for each assigned seating position, but not fewer than four, mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- (9) One spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space.
- (10) One first aid kit
- (11) Four combination spanner wrenches mounted in brackets fastened to the apparatus.
- (12) Two hydrant wrenches mounted in brackets fastened to the apparatus.

- (13) One double female 2 1/2 in. (65 mm) adapter with National Hose (NH) threads, mounted in a bracket fastened to the apparatus.
- (14) One double male 2 1/2 in. (65 mm) adapter with NH threads, mounted in a bracket fastened to the apparatus.
- (15) One rubber mallet, suitable for use on suction hose connections, mounted in a bracket fastened to the apparatus.
- (16) Two (2) salvage covers each a minimum size of 12 ft × 14 ft (3.7 m × 4.3 m)
- (17) Two (2) or more wheel chocks, mounted in readily accessible locations, that together will hold the apparatus, when loaded to its GVWR or GCWR, on a hard surface with a 20 percent grade with the transmission in neutral and the parking brake released.
- (18) One traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High-Visibility Public Safety Vests*, and have a five-point breakaway feature that includes two at the shoulders, two at the sides, and one at the front.
- (19) Five illuminated warning devices such as highway flares, unless the five fluorescent orange traffic cones have illuminating capabilities.
- (20) One automatic external defibrillator (AED).

INITIAL ATTACK APPARATUS

Initial Attack Apparatus shall comply with the most current edition of NFPA 1900. The specification shall meet the intent of NFPA 1900 and at minimum the apparatus shall have following equipment,

FIRE PUMP: The apparatus shall be equipped with a fire pump that meets the requirements of NFPA 1900 and that has a minimum rated capacity of 250 gpm (1000 L/min).

WATER TANK: Initial attack apparatus shall be equipped with a water tank(s) that has a minimum certified capacity (combined, if applicable) of 200 gal (750 L).

Equipment Storage. An enclosed weather-resistant compartmentation that meets the requirements of NFPA 1900 shall be provided for the storage of equipment.

Hose Storage. Hose bed area(s), compartments, or reels that meet the requirements of NFPA 1900 and shall provide to accommodate the following:

- (1) A minimum hose storage area of 10 ft³ (0.3 m³) for 2 1/2 in. (65 mm) or larger fire hose
- (2) Two areas, each a minimum of 3.5 ft³ (0.1m³), to accommodate 1 1/2 in. (38 mm) or larger pre-connected fire hose lines.

Equipment: a detailed list of who is to furnish the equipment to be carried on the apparatus and the method for organizing and mounting these items shall be supplied by the purchasing authority.

Ground Ladders: A 12 ft (3.7 m) or longer combination or extension type fire department ground ladder shall be carried on the apparatus.

Suction Hose or Supply Hose: A minimum of 20 ft (6 m) of suction hose or 15 ft (4.5 m) of supply hose shall be carried. Where a suction hose is provided, a suction strainer shall be furnished.

Contractor Supplied Storage: Brackets or compartments shall be furnished so as to organize and mount the specified equipment.

Fire Hose and Nozzles. The following fire hose and nozzles shall be carried on the apparatus:

- (1) 300 ft (90 m) of 2 ½ in. (65 mm) or larger fire hose
- (2) 400 ft (120 m) of 1 ½ in. (38 mm), 1 ¾ in. (45 mm), or 2 in. (52 mm) fire hose
- (3) Two hand line nozzles, 95 gpm (360 L/min) minimum

Required Loose Equipment: The following additional equipment shall be carried; at the time the apparatus is placed in service. The equipment may be purchased new, with the apparatus, or may be transferred from an existing apparatus.

- (1) One 6 lb (2.7 kg) pick head axe mounted in a bracket fastened to the apparatus.
- (2) One 6 ft (2 m) pike pole or plaster hook mounted in a bracket fastened to the apparatus.
- (3) Two portable hand lights mounted in brackets fastened to the apparatus.
- (4) One approved dry chemical portable fire extinguisher with a minimum 80-B: C rating mounted in a bracket fastened to the apparatus.
- (5) One 2 ½ gal (9.5 L) or larger water extinguisher mounted in a bracket fastened to the apparatus.
- (6) One SCBA complying with NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services*, for each assigned seating position, but not fewer than two, mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- (7) One spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s)
- (8) One first aid kit
- (9) Two combination spanner wrenches mounted in a bracket(s) fastened to the apparatus.
- (10) One hydrant wrench mounted in a bracket fastened to the apparatus.
- (11) One double female adapter, sized to fit 2 1/2 in. (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- (12) One double male adapter, sized to fit 2 1/2 in. (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- (13) One rubber mallet, for use on suction hose connections, mounted in a bracket fastened to the apparatus.
- (14) Two or more-wheel chocks, mounted in readily accessible locations, that together will hold the apparatus, when loaded to its GVWR or GCWR, on a hard surface with a 20 percent grade with the transmission in neutral, and the parking brake released.
- (15) One traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High-Visibility Public Safety Vests*, and have a five-point breakaway feature that includes two.
- (16) Five illuminated warning devices such as highway flares, Unless the five fluorescent orange traffic cones have illuminating capabilities.
- (17) One automatic external defibrillator (AED)

MOBILE WATER SUPPLY APPARATUS (TANKERS/TENDERS)

Tanker/ Water Tender Apparatus shall comply with the most current edition of NFPA 1900. The specification shall meet the intent of NFPA 1900 and at minimum the Tanker/Tender shall have following equipment,

Fire Pump: The apparatus may be equipped with a fire pump; if a pump is equipped, the pump shall meet the requirements of NFPA 1900. By Policy of this Office, the Pump Shall be Rated at 500 GPM at minimum.

Water Tank: The mobile water supply apparatus shall be equipped with a water tank(s) that meets the requirements of NFPA 1900 and that has a minimum certified capacity (combined, if applicable) of 1,000 Gallons.

Equipment and Hose Storage: A minimum of 20 ft³ (0.57 m³) of enclosed weather-resistant compartmentation shall be provided for the storage of equipment.

A minimum hose storage area of 6 ft³ (0.2 m³) for 2 ½ in. (65 mm) or larger fire hose shall be provided.

Two areas, each a minimum of 3.5 ft³ (0.1 m³), to accommodate 1½ in. (38 mm) or larger pre-connected fire hose lines shall be provided.

A minimum of 20 ft (6 m) of suction hose or 15 ft (4.5 m) of supply hose shall be carried. Where suction hose is provided, a suction strainer shall be furnished.

Equipment and Brackets:

The following Equipment shall be purchased with the Tanker/Tender. The Contractor shall supply either storage space on the apparatus or provide brackets to mount and organize the following equipment on the apparatus.

Hose and Nozzles: The mobile water supply apparatus shall be equipped with at least 200 ft (60 m) of 2 ½ in. (65 mm) or larger fire hose.

(1) 400 ft (120 m) of 1 ½ in. (38 mm), 1 ¾ in. (45 mm), or 2 in. (52 mm) fire hose

(2) Two handline nozzles, 95 gpm (360 L/min) minimum

Required Loose Equipment: The following additional equipment shall be carried; at the time the apparatus is placed in service. The equipment may be purchased new, with the apparatus, or may be transferred from an existing apparatus.

(1) One 6 lb (2.7 kg) flathead or pick head axe mounted in a bracket fastened to the apparatus.

(2) Two portable hand lights mounted in brackets fastened to the apparatus.

(3) One approved dry chemical portable fire extinguisher with a minimum 80-B: C rating mounted in a bracket fastened to the apparatus.

- (4) One first aid kit
- (5) Two combination spanner wrenches mounted in a bracket fastened to the apparatus.
- (6) One hydrant wrench mounted in a bracket fastened to the apparatus.
- (7) One double female adapter, sized to fit 2 ½ in. (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- (8) One double male adapter, sized to fit 2 1/2 in. (65 mm) or larger fire hose, mounted in a bracket fastened to the apparatus.
- (9) Two or more-wheel chocks, mounted in readily accessible locations, that together will hold the apparatus, When loaded to its GVWR or GCWR, on a hard surface with a 20 percent grade with the transmission in neutral
And the parking brake released.
- (10) One traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High-Visibility Public Safety Vests*, and have a five-point breakaway feature.
That includes two at the shoulders, two at the sides, and one at the front.
- (11) Five illuminated warning devices such as highway flares, unless the five fluorescent orange traffic cones have illuminating capabilities
- (12) One automatic external defibrillator (AED)

QUINT/ AERIAL FIRE APPARATUS

Quint Aerial Apparatus shall comply with the most current edition of NFPA 1900. The specification shall meet the intent of NFPA 1900 and at minimum the Quint shall have following equipment,

Fire Pump. The apparatus shall be equipped with a fire pump that meets the requirements of NFPA 1900 and has a minimum rated capacity of 1000 gpm (4000 L/min).

Water Tank: The apparatus shall be equipped with a water tank(s) that meets the requirements of NFPA 1900 and that has a minimum certified capacity (combined, if applicable) of 300 gal (1100 L).

Equipment Storage:

A minimum of 40 ft³ (1.1 m³) of enclosed weather-resistant compartmentation meeting the requirements of Section 15.1 shall be provided for the storage of equipment.

Hose Storage:

Hose bed area(s), compartments, or reels that comply with Section 15.10 shall be provided to accommodate the following:

- (1) A minimum hose storage area of 30 ft³ (0.8 m³) for 2 1/2 in. (65 mm) or larger fire hose
- (2) Two areas, each a minimum of 3.5 ft³ (0.1 m³), to accommodate 1 1/2 in. (38 mm) or larger pre-connected fire hose lines

Equipment: a detailed list of who is to furnish the equipment to be carried on the apparatus and the method for organizing and mounting these items shall be supplied by the purchasing authority.

Ladders:

- 2 16ft roof ladders
- 14 foot or longer combination ladder.
- 10-foot attic ladder
- 24-foot extension ladder
- 35-foot extension ladder

Suction Hose or Supply Hose.

A minimum of 20 ft (6 m) of suction hose or 15 ft (4.5 m) of supply hose shall be carried. Where a suction hose is provided, a suction strainer shall be furnished.

Fire Hose and Nozzles. The following fire hose and nozzles shall be carried on the apparatus:

- (1) 1,200 ft (240 m) of 2 1/2 in. (65 mm) or larger fire hose, in any combination
- (2) 400 ft (120 m) of 1 1/2 in. (38 mm), 1 3/4 in. (45 mm), or 2 in. (52 mm) fire hose, in any combination
- (3) One handline nozzle, 200 gpm (750 L/min) minimum
- (4) Two handline nozzles, 95 gpm (360 L/min) minimum
- (5) One play pipe with shutoff and 1 in. (25 mm), 1 1/8 in. (29 mm), and 1 1/4 in. (32 mm) tips

Required Loose Equipment: The following additional equipment shall be carried; at the time the apparatus is placed in service. The equipment may be purchased new, with the apparatus, or may be transferred from an existing apparatus.

The following additional equipment shall be carried on the apparatus:

- (1) One 6 lb. (2.7 kg) flathead axe mounted in a bracket fastened to the apparatus.
- (2) One 6 lb. (2.7 kg) pick head axe mounted in a bracket fastened to the apparatus.
- (3) One 6 ft (2 m) pike pole or plaster hook mounted in a bracket fastened to the apparatus.
- (4) One 8 ft (2.4 m) or longer pike pole mounted in a bracket fastened to the apparatus.
- (5) Two 3 ft. or 4 ft. plaster hooks with D-Handles.
- (6) Two portable hand lights mounted in brackets fastened to the apparatus.
- (7) One approved dry chemical portable fire extinguisher with a minimum 80-B: C rating mounted in a bracket fastened to the apparatus.
- (8) One 2 1/2 gal (9.5 L) or larger water extinguisher mounted in a bracket fastened to the apparatus.
- (9) One SCBA complying with NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services*, for each assigned seating position, but not fewer than four, mounted in brackets fastened to the apparatus or stored in containers supplied by the SCBA manufacturer.
- (10) One spare SCBA cylinder for each SCBA carried, each mounted in a bracket fastened to the apparatus or stored in a specially designed storage space(s)
- (11) One spare SCBA cylinder for each SCBA carried.
- (12) One first aid kit
- (13) Four combination spanner wrenches mounted in brackets fastened to the apparatus.
- (14) Two hydrant wrenches mounted in brackets fastened to the apparatus.
- (15) One double female 2 1/2 in. (65 mm) adapter with National Hose (NH) threads, mounted in a bracket fastened to the apparatus.
- (16) One double male 2 1/2 in. (65 mm) adapter with NH threads, mounted in a bracket fastened to the apparatus.

- (17) One rubber mallet, for use on suction hose connections, mounted in a bracket fastened to the apparatus.
- (18) Four salvage covers, each a minimum size of 12 ft × 14 ft (3.7 m × 4.3 m)
- (19) Four ladder belts meeting the requirements of NFPA 1983, *Standard on Life Safety Rope and Equipment for Emergency Services*
- (20) 300 ft of utility rope.
- (21) One 150 ft (45 m) light-use life safety rope meeting the requirements of NFPA 1983
- (22) One 150 ft (45 m) general-use life safety rope meeting the requirements of NFPA 1983
- (23) Two or more-wheel chocks, mounted in readily accessible locations, that together will hold the apparatus, when loaded to its GVWR or GCWR, on a hard surface with a 20 percent grade with the transmission in neutral and the parking brake released.
- (24) One traffic vest for each seating position, each vest to comply with ANSI/ISEA 207, *Standard for High-Visibility Public Safety Vests*, and have a five-point breakaway feature. that includes two at the shoulders, two at the sides, and one at the front.
- (25) Five illuminated warning devices such as highway flares, unless the five fluorescent orange traffic cones have illuminating capabilities.
- (26) One automatic external defibrillator (AED)

WILDLAND FIRE APPARATUS

Wildland Fire Apparatus shall comply with the most current edition of NFPA 1900. The specification shall meet the intent of NFPA 1900 and at minimum the Wildland apparatus shall have following equipment,

FIRE PUMP:

Water pumps on wildland fire apparatus shall be classified in one of the following categories:

- (1) 100 psi (700 kPa) positive displacement pump
- (2) 100 psi (700 kPa) centrifugal pump
- (3) 150 psi (1000 kPa) centrifugal pump
- (4) 200 psi (1400 kPa) centrifugal pump
- (5) 250 psi (1700 kPa) centrifugal pump
- (6) 300 psi (2100 kPa) centrifugal pump
- (7) 400 psi (2800 kPa) centrifugal pump

Pumps shall comply with the Chapter Covering Fire Pumps, and Fire Pump Engines in NFPA 1900

Water Tank: A water tank with a minimum capacity of 150 gallons shall be provided.

Equipment to be purchased and carried:

Suction Hose. If a suction hose is provided, the hose shall comply with NFPA 1961, *Standard on Fire Hose*, and a suction strainer shall be furnished.

Minor Equipment.

Equipment on the following list shall be available on the wildland fire apparatus before the apparatus is placed in service.

- (1)*Two solid bottom wheel chocks, mounted in readily accessible locations, each designed to hold the apparatus, when loaded to its GVWR, on a 10 percent grade with the transmission in neutral and the parking brake released

(2) One approved, dry chemical portable fire extinguisher with a minimum 40-B: C rating mounted in a bracket fastened to the apparatus.

(3) One first-aid kit

(4) One set of tire tools including a jack and lug wrench, if a spare tire is carried on the apparatus.

(5) One reflective triangle kit

Brackets or compartments shall be furnished so as to organize and mount the equipment.

AIRCRAFT RESCUE AND FIRE FIGHTING APPARATUS (ARFF)

ARFF Apparatus may be purchased depending upon the Fire Department's Needs. The Fire Department shall submit to the State Fire Marshal Division a written request to purchase the apparatus, including a justification as to why this apparatus is needed. The specifications submitted for the apparatus purchase shall comply with NFPA 1900 Standards 2024 edition, and below noted federal regulations.

Federal Aviation Administration (FAA) Regulation 14 Code of Federal Regulations Part 139 (14 CFR Part 139)

PURCHASE OF USED FIRE APPARATUS

Used Fire Apparatus may be purchased with Fire Protection Funds. However, there are several requirements which must be met in order to be allowed to commit fire protection fund monies towards the purchase of a used apparatus. The requirements are as follows,

1. A complete detailed specification of the used apparatus must be submitted to the Fire Service support Bureau. At minimum the used apparatus must meet the intent of NFPA 1901 Standard for Automotive Fire Apparatus, 2016 edition. Apparatus, which does not meet this requirement, will not be considered.
2. Three current consecutive years of pump tests of the apparatus pump, showing satisfactory results must be included with the specifications.
3. Five current years of maintenance records, to include preventative maintenance, major repairs, etc, must be included with the specifications.
4. A projected cost analysis of the purchase of the apparatus.
5. An evaluation/inspection of the apparatus condition by a Certified Emergency Vehicle Technician (EVT), which should include a report from the evaluating party.

6. This also applies to Command, Staff, Utility, and/or support Vehicles which will be bought in whole or in part with fire protection funds or will be maintained by utilizing fire protection fund monies.

The submittal shall be forwarded to the Field Representative of the respective fire department for review. A letter notifying the fire department of approval or denial will be provided to the fire chief.

PURCHASES OF AMBULANCES

Fire department/districts may purchase ambulances with fire protection fund monies, if an EMS and/or transport service is provided by the fire department, or if an EMS program is provided and a medical rescue is needed.

Rules of the Fire Protection Fund & NFPA Standards

Per Rules of the Fire Protection Fund, 10 NMAC 25.10.16 (C) all new apparatus shall meet the general requirements established under the appropriate NFPA standard or nationally accepted practices if applicable and shall be designed to meet the operational requirements of the department.

The section of 10 NMAC 25.10.16 indicates that “nationally accepted practices if applicable”. This refers to apparatus, equipment, etc. which do not have an NFPA standard directly attached to the design, manufacturing, maintenance and or testing of a given apparatus, equipment, etc.