



**HORRY COUNTY
FIRE / RESCUE DEPARTMENT**
PROUD * PREPARED * PROFESSIONAL



STANDARD OPERATING GUIDELINE

APPROVED BY GARRY ALDERMAN, FIRE CHIEF:

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SOG 726

Standardization of Fire Apparatus

PURPOSE OF THIS STANDARD

The purpose of this guideline is to establish what equipment on fire apparatus will be standard throughout the department regardless of make/model or location of apparatus.

GENERAL USAGE-

The administration of HCFR acknowledges that there are several different needs for equipment throughout the department. However standard apparatus options and equipment must remain consistent throughout the department. The items listed within this policy will remain standard throughout the department regardless of station or apparatus make and model.

RESPONSIBILITY-

The Station Manager will insure that the apparatus assigned to his/her station adheres to this policy. If the equipment is not available for the Station Manager to comply he will immediately notify the Battalion Commander over the Battalion to procure the needed items to comply with this policy.

SECTION 1- SUPPLY LINES

- A.** Supply Lines will consist of 1000ft of 5-inch hose. The hose will be flat loaded and stored with a storz to 4 ½ or Humat valve for connection directly to a hydrant.
- B.** One additional 25ft length and 1 additional 50ft length of 5-inch hose will be stowed in a compartment for use when pumping the Humat valve or completing a 5- inch lay.
- C.** 200ft of 2 ½ inch to be stored in a flat load set up for supply.

SECTION 2- PRE-CONNECTED HOSELINES -

- A.** Crosslays on fire apparatus will consist of 200ft of 1 ¾ hose with an automatic or fixed gallon nozzle. The nozzle will flow no less than 150gpm. If the nozzle has a smooth bore option only a 15/16 tip will be permitted. The hose will be packed in a minuteman configuration.
- B.** Front Jump line (Bumper line) Will be 150ft of 1 ¾ with an automatic or fix gallonage nozzle. The nozzle will flow a minimum of 150 gpm. If the nozzle has a smooth bore option it will be the 15/16 tip. The hose will be packed in a configuration of a horseshoe into a donut and must all be secure in the well not to hamper cab tilting or lamination of the vehicles lights.
- C.** Rear 2 ½ pre-connected attack lines will consist of 200ft of 2 ½ inch hose with an automatic or fix gallon fog nozzle that flows a minimum of 250gpm. If the nozzle has a smooth bore insert option only a 1-¼ tip will be permitted. The hose will be packed in a minuteman configuration.
- D.** Rear 3inch pre-connected supply line with be 200ft and will have a 2 ½ to 1 ½ gated wye pre-connected. The line is also intended for supply to a Blitz-fire or portable monitor base. It will be packed in the minute man formation.

SECTION 3-HOSE STORAGE

- A.** Rolled Hose- All rolled hose stored on apparatus will be in a donut roll and stored without adapters.
- B.** All hose must be secured in a compartment or tray designed for hose storage.

SECTION 4 -NOZZLES

- A.** At no time will a smooth bore nozzle be pre-connected on a hose line. Use of a smooth bore nozzle will be the option of the unit officer and may only be deployed after arriving on the scene with proper size up.
- B.** Deck Guns/Portable monitor bases and blitz fire nozzles will also be stored with fog nozzles appropriate for the appliance.

C. All hand held nozzles on each apparatus should have the same operating pressure, with the exception of master stream devices. The nozzles will be from the same manufacture.

SECTION 5 – HIGH RISE PACKS

A. High Rise Pack will consist of the following:

1. 1- 1 1/2 automatic nozzle with 15/16 smooth bore insert
2. 4- sections of 1 3/4 hose
3. 15ft section of 2 1/2 hose
4. 2- 2 1/2 spanner wrenches
5. 2 1/2 to 1 1/2 gated wye
6. 2 1/2 in-line gauge
7. 5-Latch Straps
8. 4- Door Chocks

B. Hose storage-

1. **Hose Pack-** 15ft of 2 1/2 attached to a gated wye with a 150ft 1 3/4 with automatic nozzle with a 15/16 smooth bore insert. This hose will be stored in a flat load configuration.

2. **Extender Bag-** 50 ft 1 3/4 donut rolled and all additional equipment.

SECTION 6-HYDRANT BAGS

A. A department approved/issued Hydrant Bags will be safely secured on the back step of all Engines and contain the following:

1. Hydrant Wrench
2. 2- Stortz Spanner Wrenches
3. 2- 2 1/2 Spanner Wrenches
4. 2 1/2 Blind Cap
5. 2 1/2 Screw Gate Valve
6. Dead blow hammer

SECTION 7 -CRIBBING –

A. Apparatus carrying extrication equipment:

1. 16 4x4 24 inches in length
2. 12 2x4 24 inches in length
3. 8 Step Chocks
4. 8 4x4 Wedges 18 Inches in length

B. Engines not carrying extrication equipment:

1. 8 4x4 24 inches in length
2. 8 2x4 24 inches in length
3. 4 Step Chocks
4. 4 4x4 Wedges 18 inches in length

C. Ladder Apparatus (with or without extrication equipment)

1. 16 4x4 24 inches in length
2. 12 2x4 24 inches in length
3. 4 Step Chocks
4. 4 4x4 Wedges 18 inches in length

D. Apparatus with Heavy Rescue Capabilities in the CAD will have additional cribbing available based on apparatus compartment configuration. The additional cribbing must be approved to insure that apparatus is not overloaded based on vehicle GVW.

E. All department step chocks will be made to department standard so that step chocks can be interlocking.

F. Fire Stations 1 and 6 have been designated as cribbing cut stations. All cribbing should be constructed at one of these locations to ensure that the standard is met.

G. All cribbing carried on apparatus will be pressure treated.

SECTION 8 -POWER SAW BLADES -

- A.** Apparatus that carries circular saws will deploy carbide tip multi-purpose blades. Composite blades for cutting metal and concrete will be carried on apparatus however will not be stored on the saw.
- B.** On ladder apparatus and Heavy Rescues where two circular saws are carried one saw will carry a multi-purpose carbide tip blade and the second saw will carry a composite/abrasive metal cutting blade.
- C.** Heavy Rescues and Ladder Apparatus will carry 14 inch circular saws.
- D.** In instances where multiple apparatus are assigned to stations that carry circular saws all saws should be the same make and blade size in the station.

SECTION 9- FOAM

- A.** Foam carried on apparatus should be from the same manufacture and have the same properties. Mixing foam is not recommended by the manufactures and should be avoided whenever possible.