



CROWN *Firecoach* ENTHUSIASTS



SOUTHERN CALIFORNIA CHAPTER, SPAAMFAA
Society for the Preservation and Appreciation of Antique Motor Fire Apparatus in America
CFE is a Non-Profit 501(c)(3) Educational Corporation Founded in 1989 – Federal Tax ID # 33-0556505

www.crownfirecoach.org

Safety Manual

Guidelines for all sanctioned Chapter SPAAMFAA Events

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SAFETY OFFICER:

At every chapter event, the Safety Officer shall be either present or one shall be appointed by the ranking chapter official. The selection of Safety Officer shall be based on the individual's qualifications (fire service experience, training, etc.).

The Safety Officer shall check arriving apparatus for insurance, an approved fire extinguisher and wheel chocks.

During the event, the Safety Officer shall observe the operation of all apparatus to assure safe practices regarding pumping pressures, nozzle operation and safe use of all equipment.

The Safety Officer has the authority to order changes to any operation or procedure or to call a halt to any of these if, in his opinion, an unsafe condition exists. Any discussion of his opinion will occur only after the operation has been halted.

Please report any unsafe condition to the Safety Officer at once!

BACKING UP:

Any movement in reverse gear must be done with a dismounted "back up person". Do not trust just your mirrors.

INSURANCE:

All apparatus participating in a chapter event must carry evidence of insurance. Your insurance company should provide you with a card to carry in your wallet or on the rig. This should be presented to the Safety Officer upon your arrival at the event. He will check the expiration date and verify that the policy covers the rig you are driving.

Failure to provide this evidence will disqualify the rig from participating in the event but will not prevent you from being a crew member on another apparatus.

RADIO USE:

The Chapter's radio license covers our use of the radio enroute to, returning from, or while participating in an event. They may be used at any gathering of members for any chapter related business. The FCC's granting of this license was based on our using the radio to coordinate vehicular safety at musters. If you have a radio installed in your apparatus or use a handheld unit, communicate with the Safety Officer so as to recognize his voice in case of an emergency. He will act as a dispatcher and provide for an orderly and safe arrival of equipment at events such as the "multiple alarm demonstration". Event and enroute frequency is 151.625 MHz.

AERIALS:

Aerial ladders should not be fully extended. Ladders should not be climbed unless they are currently certified. Members of the public are not allowed on a ladder at any time. Jacks are to be used and locked. Check for overhead wires and obstructions. Use ground plates on all surfaces.

LADDER PIPES:

Ladder pipe operations must be done with great care. Always check with the Safety Officer to obtain his recommendations as to height, angle and direction of discharge.

WHEEL CHOCKS:

Wheel chocks are to be placed as soon as the apparatus reaches its stationary position. Chocks are to be used at both front and rear of a tire to prevent motion in either direction. Chocks should fit the contour of the tire.

EXTINGUISHERS:

All apparatus participating in chapter events must carry a 2A10BC fire extinguisher. This is to protect your own rig (or a fellow member's). Having one could possibly save you the embarrassment and expense of seeing your rig in flames. Fire engines (even new ones) can and do catch fire.

Your extinguisher may be mounted in any accessible location. It does not have to detract from the appearance of your apparatus if one was not originally mounted on the exterior. The extinguisher's presence on your apparatus will be checked by the Safety Officer at each event.

SEAT BELTS:

Older apparatus often do not have seat belts installed. If you have an older rig, it is a good idea to install seat belts for all seating positions.

LOCAL JURISDICTION:

An official of the jurisdiction in which the chapter event is being held is in absolute charge of the event. His directions shall override all others including those of the Safety Officer.

NOZZLES:

All nozzles used at a chapter event must be equipped with a 1/4 turn shut-off. Tips may be of any style (straight-bore, fog, high-pressure, etc.) as long as a shut-off is either integral to or attached to it.

In the interest of conservation, please try to use water sparingly and avoid randomly hosing anything in sight. In dry years, this looks bad to the public, but when water is abundant, the public tends to remember dry years. We must always be mindful of conservation.

PRESSURE:

Some limitations must be placed on pumping pressure to assure safety of our members and of the public. A number of members have never been exposed to the dangers of a wild line and this is what we are trying to prevent.

Pump discharge pressure shall not exceed 70 PSI at any time*. While utilizing a monitor or deluge set, the pump pressure must be regulated to 50 PSI. Hand held nozzles used with standard fire hose are limited to a pump pressure of 50 PSI and must have a 1/4 turn shut-off.

* High pressure pumps and related nozzles should be kept under 500 PSI.

OPERATIONS & RECOMMENDED PROCEDURES:

- Look for loose objects before moving apparatus and watch out for children and small persons.
- Pump panel must be attended while pumping.
- No one to be standing in front of discharge.
- Passengers must have a safety strap or seat belt.
- Operators must not drink alcoholic beverages.
- Ladder pipe and monitor operations must have Safety Office approval.
- Carry a first aid kit.
- Install a drive shaft loop.
- Check and test hose regularly.
- Inspect apparatus for loose bolts, nuts and oil leaks.
- Open and close all valves slowly.
- Never reduce hydrant pressure below 10 PSI.
- Set pressure relief valve when relay pumping.
- Keep spectators away while pumping.
- When in doubt, ask the Safety Officer.