



MASSACHUSETTS ANTIQUE FIRE APPARATUS ASSOCIATION INC. APPARATUS RULES AND REGULATIONS

Please DO NOT LITTER! Clean your area and deposit refuse in proper trash receptacles or take it with you.

Be particularly sensitive regarding leakage of fuel, oil or other fluids. Apparatus owners are responsible for cleaning and disposing of fluids caused by leaks.

We are GUESTS of the Town of North Reading, MA and All People Church; our conduct and actions will determine the way we are received when requesting the site for future shows.

1. Always be conscious of other apparatus and most importantly, people around your apparatus. **ALWAYS THINK SAFETY. Each owner and/or operator has primary responsibility for his vehicles safety.** *The operator should not use a cell phone, consume alcohol or use other mind altering substances when driving or operating the apparatus.*
2. The operator is responsible to have proper knowledge and experience in the operation of the unit including all of the "manufacturer's" safety requirements. Reports of accidents of even the most minor degree should be reported to the MAFAA staff or Safety Officer.
3. Attention to safety should make musters more fun for everyone. *When backing or moving apparatus, an adequate number of guides shall be used to clear the right of way, alert drivers of obstacles, and guide him to park. **No vehicle will be backed without assistance.*** Please volunteer to help other participants if it appears they need a hand. Also everyone must observe the instructions given by the muster safety officer and safety committee members. MAFAA officials can be identified by their ID tags. Do not hesitate to politely report any unsafe conditions you observe to them.
4. **Any apparatus that is *on display*, pumping, being supplied by a pumper, or has its aerial raised, shall have its brakes set, wheels chocked *fore & aft* with suitable wheel chocks and shall be continuously attended by an adult capable of operating the apparatus while the aerial is raised and/or the pump is in operation. "Exception" Aerials that are properly locked in place with engine shut down, may be left unattended as long as the operator remains on the muster grounds. This pertains to aerials displaying the Flag.**

Suitable wheel chocks are defined as two, commercially made, truck wheel chocks or wood blocks that are at least 5" tall by 5" long by 8" wide. Vehicles with 16" or smaller tires may use 4"X4" blocks of wood at least 6" wide. The wood blocks may be beveled.

5. Every fire apparatus shall have available an operable fire extinguisher having a minimum rating of 10BC. The extinguisher shall be stored "at the ready" near the left front tire while the apparatus is parked on display at the show site.
6. No person under the legal age for the state in which an apparatus is being operated shall operate said apparatus and no person without a valid driver's license shall drive or tiller any apparatus.
7. The refueling of apparatus will not be permitted on the Muster Grounds without the supervision of the Safety Officer or designee.
8. The Safety Officer has complete control over the operation of any and all apparatus, pumps, aerials, appliances, etc. Any order of the Safety Officer shall be obeyed without question.
9. These rules apply to ALL APPARATUS participating in the muster. The Safety Officer may exempt In-service apparatus from any or all of these rules.
10. Intoxicating beverages are neither sold nor permitted on the Muster Grounds. Any guest who appears intoxicated will be subject to evaluation and appropriate action by the local Police. At the request of our hosts (Shriners Auditorium) and our liability policy, we DO NOT allow dogs, bikes, rollerblades or skateboards in Shriners Auditorium. Properly identified service dogs are allowed.

PUMPING

11. *Wheels chocked, fore & aft, No pump shall operate at pressure greater than 70 psi unless authorized by a Safety Officer.* All gate valves shall be opened and closed slowly to minimize water hammer. In rare instances where higher pressures are required such as raising water towers, the owner shall certify that the hoses have been subjected to a pressure test of 125% of the required operating pressure within the previous 12 months.
12. Hand held lines shall not be permitted except for contests (such as water-ball) or demonstrations which have been approved by the safety officers. When approved for use they shall be manned by an adequate number of personnel to safely control the line. Booster lines are not covered by this rule and may be hand held. All streams shall be directed so as to not wet spectators or other apparatus.
13. Master stream devices shall be properly secured to prevent accidental movement and no person shall be allowed to run their hands through the stream.
14. *All hoses must be in good condition without leaks and couplings must be used with proper thread.*

LADDER OPERATIONS/AERIALS

15. Aerial devices are defined to include all Aerial Ladders, Aerial scopes, Ladder Trucks, Tower Ladders, Snorkels, Squirts and Water Towers
16. Aerial devices shall not be raised *within 30 feet of power lines.*
17. Aerial apparatus must have ALL stabilizers on stable ground, have suitable ground pads under them, be properly set and locked in accordance with the manufacturer specifications. If it is a Tractor Trailer unit it should be jacked-knifed in accordance with manufacturer's specifications, if required by the manufacturer.
18. No Aerial device may be raised without a Safety Officer overseeing the raising of said device and should not be raised if the wind is over 15 MPH. If wind speed increases to more than 15 MPH aerial devices should be lowered. Aerials may not be raised and/or should be lowered immediately if there is potential for lightning storms.
19. If a water pipe is used it may not be above the bed section, only one hose line may run up the ladder, it may not flow more than 50% of its rated capacity and a shut off must be available at the base of the ladder.
20. No aerial device may be operated *until the Safety Officer checks the condition of the ladder, general condition of vehicle, hydraulic lines, cables, etc.* Aerial device may be operated off the side and may not be operated at any elevation lower than 75 degrees to the turntable. Except for approved aerial arches. Recommend the perimeter area of extension be kept clear of people and no one shall stand under the aerial device.
21. No person shall climb any aerial device on the event site *except the owner or the official event photographer with a safety belt.*
22. These rules apply to all antique apparatus participating in a muster. Modern in-service fire apparatus owned and operated by a governmental agency such as a properly insured Municipal, Volunteer or Regional Fire Department/Company does not fall under rules #18-#22. ***All General and Pumping Rules still apply.***

RULES FOR OPERATION OF STEAMER'S

1. Rules governing the operation of steam boilers and their engines follow common sense and the laws of the states. Note: Most state level governments have a boiler certification program to cover stationary and portable boilers that are not inspected by insurance companies. Some states and municipalities require a license for the operator as well.
2. All boilers operated at SPAAMFAA or Chapter meets where SPAAMFAA insurance is in effect, must comply with code of the higher jurisdiction and must show a current certificate of boiler inspection to the muster authorities and maintain a copy of the

certificate on site.

3. There is to be one person in charge at all times. This must be a trained (licensed if required) steam engine operator.
4. The owner of the steamer must provide a certificate of liability insurance on the steamer for at least one million dollars.
5. The unit must have an operational sealed safety valve.
6. The steamer must be positioned on stable ground or hard surface, and if deemed necessary, supports will be placed under the wheels to prevent sinking should the ground become saturated.
7. Participation in any contest or event wherein speed is required in getting up steam from a cold boiler or first water trial is strictly forbidden due to the stress placed upon the equipment.
8. Motor muster rules as stipulated by the muster authorities shall include, but are not limited to: Pump pressure not to exceed 70PSI at the pump; all nozzle devices to be tied down; wheels chocked.
9. Ropes or suitable barricades are to be situated so as to keep spectators away from the engine by at least 30 feet prior to lighting the fire and must be maintained until the fire is out.
10. The Operator of the steamer shall be prepared to drop the fire a moment's notice: Tools including appropriate hoe, poker and long and short handled shovels are required.
11. It is required that an independent source of water at a pressure greater than the lifting pressure of the safety valve be connected and charged before the fire is lit and maintained until the fire is dropped. There must be a check valve at the entry point on the steamer to prevent boiler water from backing up into this water supply. Note: This supply may be a garden hose on house pressure, or a line from a motor pumping car.
12. It is recommended that where brackish water is being pumped, only fresh water be supplied to the steamer. Note: Brackish and salt water should not be introduced into the boiler lest foaming occur.
13. Common sense demands that care be taken in operating those devices that could shower spectators with water, soot, embers, steam or hot water.

Reports of accidents, spills, leaks or other incidents of even the most minor degree should be reported to the Safety Officer, his/her designee and/or a MAFAA member. If you have questions, we are glad to assist you.