

CALIFORNIA
Antique
FARM EQUIPMENT SHOW

Safety Guidelines

Please read the following Safety Guidelines carefully and thoroughly. We want this to be a fun and safe experience for everyone!

The Safety Committee reserves the right to stop unsafe operation of equipment. Any person determined by the Safety Committee to be intoxicated shall not be allowed to operate equipment. Persistence of unsafe practices or inappropriate behavior shall result in removal from the show-site.

Section I-

Display Aspects

Required:

- A. Double rope stanchions must separate engines from public by minimum of four (4) feet.
- B. Properly charged fire extinguisher must be nearby.
- C. Flammables must be stored at least six (6) feet away from running engines in closed containers.
- D. NO RUNNING ENGINES SHALL BE LEFT UNATTENDED!
- E. Person attending engines must be in control at all times.
- F. There must be at least three (3) feet clear space between individual engines. Not required on trailer mounted displays.
- G. Consumption of any alcoholic beverages is prohibited while inside any roped off display area or while operating any equipment.

Desired:

- A. Clutter-free exhibit space
- B. Exhaust should be directed up or away from viewing public.
- C. Watchful eyes- constant awareness of surroundings.
- D. No belts in line with viewing area.
- E. FIRST AID KIT

Set Up Aspects

Establishing specific requirements for set-up is difficult since there are many various types of displays, yet this is where some of the greatest dangers lie. We ask that everyone use appropriate caution, and take nothing for granted.

Children Driving Requirements

1. Children shall be able to reach all controls easily to drive with an adult in a position to safely control equipment.
2. Children observed driving any equipment unsafely will be restricted to driving only with an adult in a position of control.

Section II

Gasoline, Kerosene, Diesel, and Propane Tractors

- A. Area coordinator will determine placement of tractors.
- B. Owners or authorized operators must be in attendance while engines are running.
- C. There should be only one (1) person on a tractor when moving unless there are provisions for others, and these provisions meet the Safety Committees' approval.
- D. Tractors with spade lugs or tracks are to be moved and operated only in areas designated by Area Coordinator.
- E. All tractors shall have a kill switch or device accessible to the operator or have someone to control the tractor when demonstrating tractor powered equipment, i.e. threshing machines, balers and saws.
- F. All equipment demonstrations should have a rope or other barrier between the demonstration and the public.
- G. Tractors operated over three (3) mph shall have a kill switch (diesel fuel shut-off) or adequate brakes to stall tractor.
- H. There should be more than one person to observe the public and act as a safety person while moving large tractors, or tractors with restricted view around the public.
- I. All tractors should have good working brakes, if so equipped.
- J. All tractors should have good parking brakes if so equipped when parked for display.
- K. Never leave a tractor in gear while parked (this will prevent someone from accidentally starting the tractor and running over themselves, others, or other equipment).
- L. Use appropriate care when fueling any tractor or engine.

- M. All oil or fuel leaks should have a flat tray with cat litter under it to catch any leaking fluids.
- N. Display areas should be kept free of debris.
- O. The Safety Committee may shut down anyone for any unsafe operations.
- P. NO ALCOHOL is to be consumed or served in the tractor area or while operating equipment.

Section III

Steam Traction Engines, Boilers, Portable Engines and Boilers, and Stationary Steam Engines

- A. The California Antique Farm Equipment Show reserves the right to inspect your equipment and to check your qualifications by asking questions, and have you demonstrate your abilities to operate steam. Their decision whether you may or may not operate will be final.
- B. Never leave a steam engine or boiler unattended when under steam. It is recommended two (2) people be qualified for this operation.
- C. Pop-off valve shall be set and sealed in accordance with your state's boiler laws.
- D. Never operate a boiler without visible water in the water glass. (It should be at least 1/3 full or more.)
- E. All boilers should have two (2) ways of injecting water into the boiler under full range of boiler working pressure. If only means are injectors, two (2) are recommended.
- F. All boilers must have their own water storage tank. It is recommended that traction engines have enough water storage capacity to get to the furthest destination and back to the water source, plus 10 percent.
- G. All boilers shall have two (2) means of checking water levels while under pressure.
- H. When boiler is in operation and generating steam, the boiler must have a fireman or assistant near the boiler where the water level sight glass and pressure gauge can be seen at all times.
- I. Any boiler, using any kind of fuel other than gas or oil (coal or wood), must have a means of raking the fuel from the firebox in case of low water condition. It also should have a shovel for fire fighting.

- J. All boilers must have a main shut-off valve on the main steam supply line so the valve can be shut off when cooling the boiler down, which will allow the operator to leave the boiler. Valve must also be shut off when working on the engine.
- K. No fireman or person shall light a fire in any boiler until the true water level has been determined, gauge glass, shut-off cocks have been checked and found open.
- L. When large steam tractors are driven and people are present in the engine/tractor area, there must be two (2) persons on the engine/tractor, each having a clear view of their respective side of the engine/tractor.
- M. All belt-working equipment must be roped off.
- N. Never operate a steam traction engine without the number of persons required to safely operate the engine.
- O. All engines and boilers shall be kept in a clean and safe condition at all times.
- P. When moving about, always be courteous to operators and spectators.
- Q. Failure to observe safety guidelines may result in removal from the show.
- R. Never discharge steam where it may come into contact with any person.
- S. When down for the day:
 - a. Have water level at $\frac{3}{4}$ (three quarters) in sight glass.
 - b. Close main steam valve.
 - c. Be sure pressure is decreasing.
 - d. Do not leave until pressure is 20 pounds below pop-off valve setting.
 - e. Close all draft doors.
 - f. Block all wheels so engine will not roll.
- T. Avoid blowing the pop-off valve except once a day to test the valve operation. Doing so may frighten visitors.
- U. NO ALCOHOL is to be consumed or served while operating any steam boiler.

Note: Any questions or concerns regarding the Safety Guidelines should be directed to Ron Golbek, Safety Committee Chairman.