

Sequim Irrigation Festival Standard Float Specifications

Electrical wiring

1. Electrical wires must be of an approved type for their use, and must be of **sufficient capacity**.
2. Wiring shall be properly secured to the float to avoid mechanical damage.
3. All connections must be made with approved electrical devices.
4. All electrical circuits must be properly fused for the wire size.
5. All circuits over 30 volts must be wired and fused like house wiring, utilizing cable or extension cords of sufficient size to carry the load. Circuits over 30 volts should be isolated from the float frame, i.e., using electrical cable. Neither the white nor the black wire should be grounded to the float frame.

Portable Generators

1. Where portable generators are used, they must be securely mounted on the float vehicle or other substantial base.
2. Approved insulation must separate generator from decorative material.
3. Such generators must be equipped with firmly attached metal exhaust lines, installed to terminate either in a common exhaust serving both vehicle and generator, or to the exterior of the float, in the same manner as the vehicle exhaust.

Basic Safety

1. **Flame Proofing:** All light, decorative material must be effectively fire resistant. Satisfactory flame proofing is determined by holding a sample of the material in a vertical position and placing the flame of a match ½ inch below it. If the material ignites, it must extinguish itself when the flame is removed. This requirement shall apply only to combustible material, i.e., papier-mache', fur fabric, frame material, etc. Fresh-cut greenery and flowers are excluded.
2. **Paint:** If applied to decorative material, it must be U.L. Approved fire retardant or water-based paint.
3. **Fire Extinguishers:** A minimum of one (1) U.L. Approved 2-A:10-B:C rated, multi-purpose, dry-chemical extinguisher must be carried on the float, **plus** an additional 2-A:10-B:C extinguisher if a gasoline-powered generator is used. All drivers and float escorts should be familiar with the location and correct use of the extinguisher(s). They must be carried on the float in a position easily accessible to the driver. **All fire extinguishers shall be sealed, tagged, and dated within the past 12 months.**
4. **No smoking** on floats. Open flame displays are prohibited.
5. Float vehicle must be properly serviced for gasoline, water and oil. Tires should be checked for legal tread depth and pressure; and battery should be in good condition prior to entry in parade.
6. Gas must be carried only in the vehicle's tank. No extra gas is allowed.
7. Each float rider must have a slide-in type body support or an approved body support with an automotive seat belt. **Securing devices must be worn on the outside of the user's costume.** Wiring or tying personnel to float is prohibited.
8. **Brake system:** Approved hydraulic brakes on at least two wheels shall be provided. It is recommended that hydraulic brakes be provided on all four wheels. An approved manual, emergency brake system on at least two wheels shall also be provided. Systems shall be in good working order. **Micro lock brake systems are not approved for emergency brakes.**
9. **Exhaust Pipe:** All exhaust pipes shall extend at least one foot beyond all decorations. Where pipe passes through the float decorations, it must be covered with pipe lagging or air-ventilated double pipe.
10. **Fuel Systems:** All fuel tanks shall be standard automotive gas tanks properly secured and vented to the outside of the float. **Boat tanks are not acceptable--no exceptions!**
11. **Towing:** Tow rings or cables shall be provided in the front of the float in addition to a tow ring at the rear of the float. These shall be readily accessible without removing portions of the float structure and be of sufficient strength to tow the float at any time. Driver must be aware of the locations of all tow rings.
12. **Driver Escape:** Interior construction must allow the vehicle driver means of making a reasonably rapid escape in case of emergency.
13. **Driver Vision:** Floats should be designed to provide full exposure of the driver's head, with a 180-degree area of vision to the front and sides of the float or two ground guides - one on either side of float,
14. **Ventilation:** Floats shall be provided with adequate natural or forced air ventilation in the driver's compartment.
15. **License:** All float drivers operating motorized equipment must have a valid driver's license.
16. In a situation where any festival officials declare a "safety emergency," the officials may take whatever action deemed necessary to remedy the situation. This may include towing of motorized vehicles from the parade route.

Sequim Irrigation Festival Parade Float Inspection Checklist

Safety
Driver-Official

- ___ ___ 1. Driver has unobstructed 180 degree vision or two ground guides - one on either side of float.
- ___ ___ 2. Driver has proper ventilation.
- ___ ___ 3. Float driver has valid driver's license.
- ___ ___ 4. Engine is clean of oil and grease.
- ___ ___ 5. Engine is properly equipped with an air cleaner or flame arrestor.
- ___ ___ 6. Smoking is **not** allowed on float.
- ___ ___ 7. Brakes, including emergency brake, have been inspected and found to be working properly.
- ___ ___ 8. Tires have been checked for legal tread depth and adequate tire pressure.
- ___ ___ 9. Battery is in good condition and properly secured.
- ___ ___ 10. Float is properly serviced with gasoline, water and oil.
- ___ ___ 11. Gasoline tank must be standard auto type. Vented tanks must be vented to the outside of the vehicle.
- ___ ___ 12. Float must be properly equipped with U.L. Approved **2-A:10-B:C** fire extinguisher plus an additional **2-A:10-B:C** extinguisher if a gas generator is used. **They must be serviced, tagged and dated within one (1) year of event.**
- ___ ___ 13. Towed units will be attached to towing vehicles by permanently attached, state-approved, pintle hook, ball type or fifth-wheel attachment, with all applicable safety chains and devices affixed. **No tow cable or ropes** for primary towing will be allowed. Every float will have a permanently attached accessible tow hook, front and rear, of sufficient strength to tow the float.
- ___ ___ 14. **All decorative materials** shall be flame resistant or treated with a fire retardant substance.
- ___ ___ 15. Portable generators shall be securely mounted to the vehicle frame or other substantial support. Exhaust systems are free of leaks; tailpipes extend at least 12 inches beyond float apron. Where pipe is within 12 inches of decorative materials (any direction), pipe is to be protected by pipe lagging.
- ___ ___ 16. Each float rider must have a body support or an approved automotive seatbelt. **Seatbelts shall be worn on the outside of the user's costume.**

The above inspection has been made and, to the best of our knowledge, the float is acceptable for parade participation.

Driver _____

Safety Official _____

Date _____