

DISPLAY AND SAFETY REGULATIONS

Unacceptable for Display

1. Living organisms e.g. animals, microbes, plants, fruits, vegetables, soil, and gravel. No chemicals or OTC chemicals can be used for display. Photographs should be substituted for visual display.
2. Preserved vertebrate or invertebrate animals (includes embryos).
3. Waste samples.
4. Poisons, drugs, controlled substances, hazardous substances or devices (i.e. solids which vaporize to a gas without passing through a liquid phase).
5. Dry ice or other sublimating solids (i.e. solids which vaporize to a gas without passing through a liquid phase).
6. Sharp items (i.e. syringes, needles, pipettes).
7. Flames or highly flammable display materials.
8. Empty tanks that previously contained combustible liquids or gases, **UNLESS** purged with carbon dioxide.
9. Batteries with open top cells.
10. Awards, medals, business cards, flags, etc.
11. Hand-outs to judges must be limited to one page narratives related to the essentials of this year's project. Personal photographs, accomplishments, acknowledgements, addresses and phone and fax numbers are not permitted.
12. Photographs or other visual presentation depicting vertebrate animals in other-than-normal conditions (e.g. surgical techniques, dissection, necropsies or other lab techniques).
13. Large vacuum tubes or dangerous ray-generating devices.

Acceptable for Display Only

(cannot be operated.)

1. Projects with unshielded belts, pulleys, chains, and moving parts with tension or pinch points..
2. Class II, III and IV lasers.
3. Any device requiring over 110 volts

Acceptable for Display & Operations

(with restrictions)

1. Any apparatus producing temperatures that will cause physical burns must be adequately insulated.
2. Pressurized tanks that contain noncombustibles may be on display if properly secured.
3. High-voltage equipment must be shielded with a grounded metal box or cage to prevent accidental contact.
4. High-voltage wiring, switches, and metal parts must have adequate insulation and overload safety factors, and must be inaccessible to others.
5. Electric circuits for 110-volt AC must have a 50-ft (min) cord. The cord must have sufficient load-carrying capacity and be approved by Underwriters Laboratories.
6. Electrical connections in 110-volt circuits must be soldered or made with approved connectors. Connecting wires must be insulated. Greater than 110 volts is not permitted.
7. Bare wire and exposed knife switches may be used only in circuits of 12 volts or less; otherwise, standard enclosed switches are required.