

EXHIBIT CHECKLIST - REMINDER OF RULES*

MAXIMUM SIZE OF EXHIBIT

76 centimeters (30 inches) deep

122 centimeters (48 inches) wide

274 centimeters (108 inches) high including table. Tables will not exceed a height of 91 cm (36 inches).

ITEMS THAT CANNOT BE DISPLAYED

- Visual presentations of laboratory techniques depicting vertebrate animals. (These may be part of a notebook.)
- Human parts other than teeth, hair, nails, histological sections and liquid tissue slides.
- Any living organism.
- Preserved vertebrate animals or parts, including embryos and taxidermy specimens. (You may display sealed insect collections)
- Dried plants.
- Soil or waste samples.
- Food, either human or animal.
- Syringes, pipettes and similar sharp objects.
- Any flames (open or concealed) or highly flammable display material
- All chemicals including containers filled with water for display
- Dry ice.
- Tanks which have contained combustible gases unless they have been purged with carbon dioxide.
- Poisons, drugs or other controlled substances.
- Mechanical devices that pose potential hazard to observers. Class III or IV laser may be displayed but not operated

Proper attention to safety is expected of all science fair participants, including compliance with the following requirements for all operating exhibits.

- Any exhibit producing temperatures exceeding 100°C (212°F) MUST be adequately insulated from its surroundings.
- Batteries with open top cells are not permitted. Other types of batteries may be used for electric power.
- Large vacuum tubes or dangerous ray-generating devices MUST be properly shielded.
- High voltage equipment MUST be shielded with a grounded metal box or cage to prevent accidental contact.
- High voltage wiring, switches and metal parts MUST be located out of reach of observers and designed with an adequate overload safety factor. (No device requiring greater than 110V may be operated while on display.
- Bare wire and exposed knife switches may be used only on circuits of 12 volts or less; otherwise standard enclosed switches are required.
- Electric circuits for 110-volt AC must have an Underwriters Laboratories-approved cord of proper load-carrying capacity, which is at least nine feet long and equipped with a standard grounded plug. All wiring must be properly insulated. Nails, tacks or uninsulated staples must not be used to fasten wiring.
- Electrical connections in 110-volt circuits MUST be soldered or fixed under approved connectors

If class II laser is used, attendant must be present at all times and a sign stating: LASER RADIATION - DO NOT STARE INTO BEAM must be displayed. It must also have protective housing that prevents access to beam during operation. The power source must be disconnected when not being operated.

*For complete rules and regulations, please visit http://www.sciserv.org/isef/primer/rules_regulations.asp. Safety precautions for chemicals can be found in the booklet, "Safety in the High School", by the American Chemical Society (1155 16th St. NW, Washington DC 20036)