

NJRSF Display and Safety Review Form

From ISEF Rules, p. 6, used by permission

PROJECT NUMBER:

STUDENT'S NAME:

TITLE:

REQUIRED ITEMS

1. Maximum display size 30" deep x 48" wide x 108" high?
2. Research plan and certifications for projects involving vertebrate animals, human subjects, pathogenic agents, or recombinant DNA?
3. If necessary, has own 9-ft. *grounded, UL-approved* electrical extension cord?
4. If operating a Class I or II laser, is student familiar with ISEF/NJRSF regulations?
5. Any exhibit producing temperatures in excess of 100°C (212°F) adequately insulated from surroundings?
6. High voltage equipment shielded with a grounded metal box or cage to prevent accidental contact?
7. High voltage wiring, switches, and metal parts located out of reach of observers and designed with an adequate overload safety factor?
8. All wiring properly insulated? No nails, tacks, or uninsulated staples used to fasten wiring?
9. Bare wire and exposed knife switches used only on circuits of 12 volts or less? (Otherwise, standard enclosed switches are required.)
10. Electrical connections in 110-V circuits soldered or fixed under approved connectors? Connecting wires properly insulated?
11. Follows safety precautions for substances outlined in the American Chemical Society booklet "Safety in Academic Chemistry Laboratories"?

PROHIBITED ITEMS (Note: Display of school identification or previous awards is prohibited.)

1. Any live animals, preserved vertebrate animals or parts, including microbes and embryos? (Sealed insect collections are permitted.) Plants and soil are prohibited as well.
2. Exhibition of human parts other than teeth, hair, nails, histological sections and liquid tissue slides properly acquired?
3. Photographs or other visual presentations of surgical techniques, dissection, autopsies or other laboratory techniques depicting vertebrate animals in other than normal conditions? (May be contained in an accompanying notebook to be shown only during judging.)
4. Photographs of special human subjects without signed consent?
5. Live disease-causing organisms which are pathogenic to man or other vertebrates?
6. Microbial cultures or fungi, live or dead?
7. Food, either human or animal?
8. Syringes, pipettes, or other sharp devices?
9. Any flames, open or concealed? Any dry ice?
10. Highly flammable display?
11. All labeled chemical containers are prohibited, even if filled with water or sugar for display purposes. Empty containers and nonfunctional apparatus are also discouraged.
12. Tanks which have contained combustible gases, including butane or propane? (Must be purged with CO<sub>2</sub>.)
13. Operation of a Class III or IV laser?
14. Batteries with open top cells?

REVIEWED BY: \_\_\_\_\_ APPROVED? YES NO

COMMENTS \_\_\_\_\_