

# NWARSEF 2010 DISPLAY & SAFETY VIOLATION REPORT

Project # \_\_\_\_\_

**NO Paperwork Violation** \_\_\_\_\_

**NO Display Violation** \_\_\_\_\_

## MISSING (or) INCOMPLETE FORMS

All required forms must be turned in before project can be displayed. Failure to do so will disqualify.

**1 1A 1B 1C 2 3 4 5 6A/6B 7 Abstract Research Plan Bibliography**  
**Required**

1. Photograph / image credits
2. All applicable forms, including, but not limited to: Abstract, 1, 1A and 1B

## NOT allowed at Project or in Booth

1. Living organisms, including plants
2. Taxidermy specimens or parts.
3. Preserved vertebrate or invertebrate animals.
4. Human or animal food.
5. Human/animal parts or body fluids (for example: blood, urine)
6. Plant Materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state.
7. All chemicals including water (Exceptions: water integral to an enclosed apparatus or water supplied by the Display and Safety Committee).
8. All hazardous substances or devices (for example, poisons, drugs, firearms, weapons, ammunition, reloading devices and lasers).
9. Dry ice or other sublimating solids.
10. Sharp items (for examples: syringes, needles, pipettes, knives).
11. Flames or highly flammable materials.
12. Batteries with open-top cells.
13. Awards, medals, business cards, flags, endorsements and/or acknowledgements (graphic or written) unless the item(s) are an integral part of the project
14. Photographs or other visual presentations depicting vertebrate animal in surgical techniques, dissections, necropsies, or other lab procedures.
15. Active Internet or e-mail connections as part of displaying or operating the project at the Intel ISEF.
16. Prior years' written material or visual depictions on the vertical display board. (Exception: see official rules, p.7).
17. Glass or glass objects unless deemed by the Display and Safety Committee to be an integral and necessary part of the project. (Exception: glass that is part of a commercial product such as a computer screen.)
18. Any apparatus deemed unsafe by the SRC, the Display and Safety Committee or Science Service (See official rules, p.7.).

## ALLOWED at Project or in Booth BUT with the Restrictions Indicated

1. Soil, sand, rock and/or waste samples if permanently incased in a slab of acrylic.
2. Postal addresses, WWW and email addresses, telephone numbers, and fax numbers of Finalist only.
3. Photographs and/or visual depictions if: a) They are not deemed offensive or inappropriate by the SRC, the Display & Safety Committee or Science Service b) Credit lines of their origins ("Photograph taken by..." or "image taken from...") are attached. If all photographs being displayed were taken by the Finalist or are from the same source, one credit line prominently displayed indicating that the finalist took all photographs is sufficient; c) they are from the Internet, magazines, newspapers, journals, etc., and credit lines are attached; d) they are photographs or visual depictions of the Finalist; e) they are photographs of human subjects for which signed consent forms are at the project or in the booth; e) They are photographs of human subjects for which signed consent forms are at the project or in the booth.
4. Any apparatus with unshielded belts, pulleys, chains, or moving parts with tension or pinch points if, for display only, and not operated.
5. Class II lasers if: a) The output energy is <1 mW and is operated only by the Finalist b) Operated only during Display & Safety inspection and judging; c) Labeled with a sign reading "Laser Radiation: Do Not Look Into the Beam", d) Enclosed in protective housing that prevents physical and visible access to beam, e) Disconnected when not opening.
6. Class III and IV lasers if for display only and not operated.
7. Any apparatus producing temperatures that will cause physical burns, if adequately insulated.
8. The only items that may be displayed on the front of the provided tables are the forms listed in the section of these rules entitled "Required to be Visible and Vertically Displayed at the Intel ISEF."

## ELECTRICAL REGULATIONS

1. Finalists requiring 120 or 220 Volt A.C. electrical circuits must provide a UL-listed 3-wire extension cord which is appropriate for the load and equipment.
2. Electrical power is supplied to projects and, therefore, the maximums allowed for projects is 120 or 220 Volt, A.C., single phase, 60 cycle. Maximum circuit amperage/wattage available is determined by the electrical circuit capacities of the exhibit hall and may be adjusted on-site by the Display and Safety Committee.
3. All electrical work must conform to the National Electrical Code or exhibit hall regulations.
4. All electrical connectors, wiring, switches, extension cords, fuses, etc. must be UL-listed and must be appropriate for the load and equipment. Connections must be soldered or made with UL-listed connectors. Wiring, switches, and metal parts must have adequate insulations and over-current safety devices (such as fuses) and must be inaccessible to anyone other than the Finalist. Exposed electrical equipment or metal that possibly may be energized must be shielded with a non-conducting material or with a grounded metal box to prevent accidental contact.
5. Wiring, not part of a commercially available UL-listed appliance or piece of equipment, must have a clearly visible fuse or circuit breaker on the supply side of the power source and prior to any project equipment.
6. There must be an accessible, clearly visible on/off switch or other means of disconnect from the 120 or 220 volt power source.
7. Any lighting that generates considerable and excessive amounts of heat (high intensity lamps, etc.) must be turned off when student is not present.

## SIZE

Maximum Size: 30 in (76 cm) deep, 48 in (122 cm) wide, 108 in (274cm) high from floor to top of project.