

Display & Safety Committee Mission

The mission of this committee is to ensure that all competitors qualify for competition according to the rules established in conjunction with the Scientific Review Committee and Society for Science.

The HSEF Display & Safety inspection process can be initiated only when all items are present at the display. The Display & Safety Committee will offer guidance on Display & Safety issues for projects approved by the SRC to compete in HSEF. Occasionally, the HSEF Display & Safety Committee may require students to make revisions to conform to Display & Safety regulations. Persistent issues will be directed to a committee of individuals which may include SEFI personnel, Display & Safety (D&S) and/or Scientific Review Committee (SRC) executive committee members.

The following regulations must be adhered to when a student exhibits a project at HSEF. All projects must adhere to the Display & Safety requirements of the affiliated fair(s) in which they compete. Knowledge of these requirements is the responsibility of the Finalist, Adult Sponsor, and Fair Director.

DISPLAY REGULATIONS

Maximum Size of Project

Depth (front to back): 24 inches

Width (side to side): 48 inches

Height (floor to top): 108 inches

Please be aware when creating posters that the mechanism supporting the poster should conform to the maximum size limitations stated above.

- All project materials and support mechanisms must fit within the project dimensions (including table covers).
- Fair-provided tables at ISEF will not exceed a height of 36 inches (91 centimeters).
- If a table is used it becomes part of the project and must not exceed the allowed dimensions.
- Nothing can be attached to or leaning on the wall.
- All demonstrations must be done within the confines of the finalist's space. When not being demonstrated, all project components must be returned to the project display and must fit within allowable dimensions as defined above.
- Projects can be continued under the table BUT this area is not to be used for storage.

Position of Project

The fair provided table or freestanding display must be parallel to, and positioned at, the back of the project space.

Forms Required to be Visible and Vertically Displayed at the Project Booth FOR HIGH SCHOOL PROJECTS

The placement of the required forms may include the front edge of the table, the display board, or in a free-standing acrylic frame placed on the table top or floor (if a table is not used).

- Form 1C for projects conducted at a university or registered research institution.
- Form 7 continuation

Forms required at all projects:

1. An original Official Abstract and Certification as approved (stamped/embossed) by the HSEF Scientific Review Committee.

- a. Upon SRC approval, the stamped/embossed Official Abstract and Certification will be provided to the student at their booth.
 - No other format or version of your approved Abstract & Certification will be allowed, NO Handouts to judges or to the public are permitted.
- b. The term “abstract” may NOT be used as a title or reference for any information on a finalist’s display or materials (including research papers) at the project except as part of displaying the official stamped/embossed abstract.

Forms NOT to be at the Project Display Booth or in the Exhibit Area

Completed informed consent/assent forms for a human participant study are NOT to be displayed and should NOT be present at the project display. The student may include a sample (incomplete) form in their logbook or research notebook but under NO CIRCUMSTANCE should the completed informed consent/assent forms for a human participant be in the Exhibit Hall.

Photograph/Image Display Requirements

1. Any photograph/visual image/chart/table and/or graph is allowed if:
- a. It is not deemed offensive or inappropriate by the Scientific Review Committee, Display & Safety Committee or Society for Science (including, but not limited to images/photographs showing invertebrate or vertebrate animals/humans in surgical, necrotizing or dissection situations).
 - b. It has a credit line of origin (“Photograph taken by...” or “Image taken from...” or “Graph/Chart/Table taken from...”). If all images, etc. displayed were created by the finalist or are from the same source, one credit line prominently and vertically displayed on the backboard/poster or tabletop is sufficient. All images MUST BE properly cited 2.
 - c. Finalists using any presentation or demonstration (physical or digital) outside of a project board must be prepared to show the entire presentation to the Display & Safety Inspectors before the project is approved. All aforementioned rules apply to this presentation and the presentation may not be altered in any way after the final Display & Safety inspection. Examples of presentations that require approval include, but are not limited to PowerPoint, Prezi, Keynote, software program/simulation and other images and/or graphics displayed on a computer screen or other non-print delivery method.

Items/Materials Not Allowed on Display or at Project Booth

1. Any information on the project display or items that are self-promotions or external endorsements are not allowed in the project booth

- a. The use of commercial logos including known brands, institutional crests or trademarks, flags unless integral to the project and approved by the SRC via inclusion in the Official Abstract and Certification.
- b. Any reference to an institution or mentor that supported the finalist's research except as provided in an acknowledgement section of the poster and within official ISEF paperwork, most notably Form 1C.
- c. Any reference to patent status of the project.
- d. Any items intended for distribution such as disks, CDs, flash drives, brochures, booklets, endorsements, give-away items, business cards, printed materials or food items designed to be distributed to judges or the public.

2. Any awards or medals.

3. Postal addresses, World Wide Web, email and/or social media addresses, QR codes, telephone and/or fax numbers of a project or finalist. Note: The only personal information that is permissible to include on the display is information that is also included on the Official Abstract and Certification (Finalist Name, School, City, State, Country). Information regarding finalist's age and grade are not permitted.

4. Active Internet or email connections as part of displaying or operating the project at ISEF. Exceptions must be requested in email to displayandsafety@societyforscience.org and approved in advance by the Display & Safety Committee.

SAFETY REGULATIONS

Not Allowed at Project or Booth

Note: In the case in which a Student's Project includes an item that is prohibited from display, please consider taking photographs and/or documenting the significance of the prohibited item through video.

1. Living organisms, including plants
2. Glass
3. Soil, sand, rock, cement and/or waste samples, even if permanently encased in a slab of acrylic
4. Taxidermy specimens or parts
5. Preserved vertebrate or invertebrate animals
6. Human or animal food
7. Human/animal parts or body fluids (for example, blood, urine)
8. Plant materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state
9. All chemicals including water. Absolutely no liquids can be utilized in the Project Display
10. All hazardous substances or devices (Example: poisons, drugs, firearms, weapons, ammunition, reloading devices, grease/oil and sublimating solids such as dry ice)
11. Items that may have contained or been in contact with hazardous chemicals (Exception: Item may be permitted if professionally cleaned and documentation for such cleaning is available). Filters (including microbial) may not be displayed unless the Display & Safety Committee can reasonably determine that the device was cleaned or was never used (please include receipts in your notebooks and/or logbooks)
12. Sharp items (for example, syringes, needles, pipettes, knives)
13. Flames and highly flammable materials
14. Batteries with open-top cells or wet cells; no battery may be left in the exhibit hall overnight
15. Drones or any flight-capable apparatus unless the propulsion power source removed

16. 3D Printers unless the power source is removed
17. Inadequately insulated apparatus capable of producing dangerous temperatures are not permitted
18. Any apparatus with belts, pulleys, chains, or moving parts with tension or pinch points that are not appropriately shielded
19. Any display items that are deemed distracting (i.e. sounds, lights, odors, etc.)
20. Personal items or packing materials stored underneath the table or in the booth overnight
21. Any apparatus or project material deemed unsafe by the Scientific Review Committee, the Display & Safety Committee, or the Society

Electrical Regulations

1. Electrical power supplied to the project is 120 Volt, AC, single phase, 60 Hz. No multi-phase will be available or shall be used. Maximum circuit amperage/wattage available is determined by the electrical circuit capacities of the exhibit area .
2. Electrical devices must be protectively enclosed. Any enclosure must be non-combustible. All external non-current carrying metal parts must be grounded.
3. Energized wiring, switches, and metal parts must have adequate insulation and over-current safety devices (such as fuses) and must be inaccessible to anyone other than the finalist. Exposed electrical equipment or metal that may be energized must be shielded with a non-conducting material or with a grounded metal box to prevent accidental contact.
4. Decorative lighting or illumination is not permitted
5. An insulating grommet is required at the point where any wire or cable enters any enclosure.
6. No exposed live circuits over 36 volts are allowed.
7. There must be an accessible, clearly visible on/off switch or other means of quickly disconnecting from the 120 or 220 Volt power source.

Laser/Laser Pointer Regulations

Any Class 1, Class 2, Class 3A, or Class 3R lasers are allowed to be used responsibly. No other lasers may be used or displayed.

1. Laser beams may not pass-through magnifying optics such as microscopes and telescopes.
2. Lasers must be labeled by the manufacturer so that power output can be inspected. Lasers without labels will NOT be permitted.
3. Handheld lasers are NOT permitted.
4. Lasers will be confiscated with no warning if not used in a safe manner.