

Intel ISEF Display & Safety Regulations

Please address any questions regarding Intel ISEF Display & Safety Regulations to Diane Hecht, Display & Safety Committee Chair at displayandsafety@societyforscience.org

Display & Safety Authority

The Intel ISEF Display & Safety Committee is the final authority on Display & Safety issues for projects approved by the SRC to compete in the Intel ISEF. Occasionally, the Intel ISEF Display & Safety Committee may require students to make revisions to conform to Display & Safety regulations. The Regulations that follow have been divided into two main categories to separate those that deal specifically with display regulations and those that pertain to safety regulations.

Display Regulations

The following regulations must be adhered to when a finalist exhibits a project at Intel ISEF. All projects must adhere to the Display & Safety requirements of the affiliated fair(s) in which they compete to qualify for participation in the Intel ISEF. Affiliated fairs may have additional restrictions or requirements. Knowledge of these requirements is the responsibility of the student and Adult Sponsor.

Maximum Size of Project

Depth (front to back): 30 inches or 76 centimeters

Width (side to side): 48 inches or 122 centimeters

Height (floor to top): 108 inches or 274 centimeters

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

1. All project materials and support mechanisms must fit within the project dimensions.
2. At the Intel ISEF, fair-provided tables will not exceed a height of 36 inches (91 centimeters).
3. If a table is used it becomes part of the project and must not exceed the allowed dimensions.
4. Nothing can be attached to the rear curtain for display.
5. At the Intel ISEF, all demonstrations must be done within the confines of the finalist booth. When not being demonstrated,

the component must be returned to the project and must fit within allowable dimensions.

Position of Project

Table or freestanding display must be parallel to, and positioned at, the back curtain of the booth. Projects may NOT lean against the back curtain.

Forms Required to be Visible and Vertically Displayed at the Project Booth

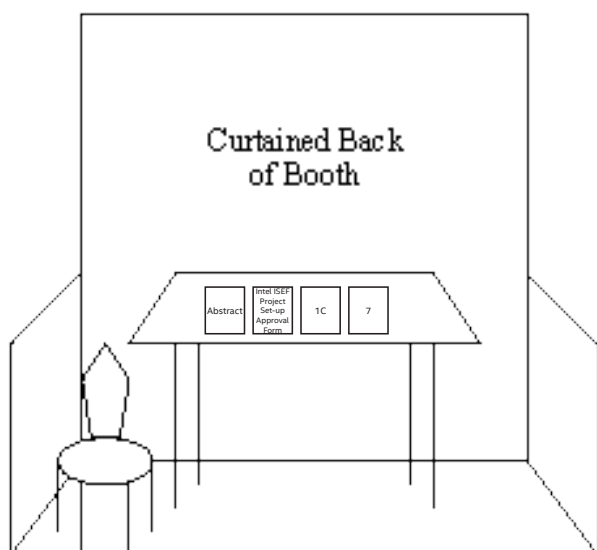
The suggested placement of the required forms is on the front edge of the table, on the display board, or in a free-standing frame placed on the table top.

Forms required at all projects:

1. An original Official Abstract and Certification as approved and stamped/embossed by the Intel ISEF Scientific Review Committee.
 - a. Upon SRC approval, the stamped/embossed Official Abstract and Certification will be provided.
 - The Intel ISEF Scientific Review Committee defines the "official abstract and certification" as an **UNALTERED** original abstract and certification as stamped/embossed by the Intel ISEF Scientific Review Committee.
 - If changes to the abstract and certification are revised, the most recent version that is stamped/embossed will replace all earlier versions.
 - The D&S will have access to the electronic version on record to confirm the correct version is present at the project booth.
 - b. Abstract handouts to judges and to the public must be limited to UNALTERED photocopies of the official abstract and certification.
 - c. The term "abstract" may NOT be used as a title or reference for any information on a finalist's display or materials at the project except as part of displaying the official abstract.
2. Completed Intel ISEF Project Set-up Approval Form (received on-site at the Fair)
 - a. This form documents the project as approved by the Scientific Review Committee and is used to document the Display & Safety review approval.

Forms required when applicable:

1. Regulated Research Institutional/Industrial Setting Form (1C)
 - a. If work was conducted in a regulated research institution, industrial setting or any work site other than home, school or field at any time during the current Intel ISEF project year, the **Regulated Research Institutional/Industrial Setting Form (1C)** must be completed and displayed at the project booth.
 - b. If Box 3 is checked YES on the official Intel ISEF Abstract



- and Certification, Regulated Research Institution/ Industrial Setting Form 1C must be vertically displayed.
- c. The information provided on the Form 1C by the mentor may be referenced to confirm that the information provided on the project board is that of the finalist. Only minimal reference to mentor's or other researcher's work is allowable and must only reflect background information or be used to clarify differences between finalist's and others' work.
2. Continuation Projects Form (7)
 - a. If a study is a continuation/research progression, the Continuation Form 7 must be completed and displayed at the project booth.
 - b. The display board and abstract must reflect the current year's work only. The project title displayed in the finalist's booth may mention years (for example, "Year Two of an Ongoing Study").
 - c. The display board must be based on collective past conclusionary data and its comparison to the current year data set. No raw data from previous years may be displayed.
 - d. If Box 4 is checked YES on the official Intel ISEF Abstract and Certification, Continuation Form 7 must be vertically displayed.
 - e. Supporting data books (not research papers) from previous related research may be exhibited if properly labeled as such.
- d. It is a photograph or visual depiction of the finalist.
 - e. It is a photograph or visual depiction for which a signed consent form is at the project or in the booth.
2. Display of photographs other than that of the finalist must have a photo release signed by the subject, and if under 18 years of age, also by the guardian of the subject.
 - a. Sample consent text: "I consent to the use of visual images (photos, videos, etc.) involving my participation/ my child's participation in this research."
 - b. (These forms must be available upon request by a Display & Safety inspector, but shall not be displayed.)
 3. Finalists using audio-visual or multi-media presentations (for example, PowerPoint presentation, YouTube video, images, graphics, etc. displayed on computer monitors or other non-print presentation methods) must be prepared to show the entire presentation to the Display & Safety Inspectors before the project is approved.

Safety Regulations

The following regulations must be adhered to when a Finalist exhibits a project at the Intel ISEF.

Items/Materials Not Allowed on Display or at Project

1. **Any information on the project display or items that are acknowledgments, self-promotions or external endorsements are not allowed in the project booth.** This includes:
 - a. The use of logos including known commercial brands, institutional crests or trademarks and/or a personalized graphic/logo that is developed to indicate a commercial purpose or viability of an established or proposed business.
 - b. Any reference to an institution or mentor that supported your research except as provided in the official Intel ISEF paperwork, most notably Form 1C or the Qualified Scientist Form 2.
 - c. Any reference to patent status of the project. This is considered self-endorsement and is not allowable on the display or at the project booth.
 - d. Any items intended for distribution such as disks, CDs, flash drives, brochures, booklets, endorsements, give-away items, business cards, or printed materials designed to be distributed to judges or the public.
2. Any awards or medals, except for past or present Intel ISEF medals that may be worn by the Finalist.
3. Postal addresses, World Wide Web, email and/or social media addresses, QR codes, telephone and/or fax numbers of a project or finalist.
4. Active Internet or email connections as part of displaying or operating the project at the Intel ISEF.
5. Any attempt to uncover, replenish or return removed language or items from the display or project booth area after Display & Safety Committee review is a violation of the Ethics Statement and may result in the project failing to qualify for competition.
6. No changes, modifications, or additions to projects may be made after approval by the Display & Safety Committee and the Scientific Review Committee.
 - a. Display & Safety inspections will include recording photographic evidence of the approved Project Display and Project booth.
 - b. Finalists who do not adhere to this signed agreement on the Intel ISEF Project Set-up Approval Form regarding this regulation will fail to qualify for competition.

Forms Required at Project but not Displayed

Forms, excluding those listed above, that were required for the Scientific Review Committee review and approval do not have to be vertically displayed, but must be available in the booth in case asked for by a judge or other Intel ISEF official. Forms include, but are not limited to, **Checklist for Adult Sponsor (1), Student Checklist (1A), Research Plan and Approval Form (1B)**.

A photograph/video release form signed by the subject is required for visual images of humans (other than the finalist) displayed as part of the project.

Forms NOT to be Displayed

Completed informed consent forms for a human participant study are NOT to be displayed and should NOT be present at the project display.

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 (which includes images/photographs showing invertebrate or vertebrate animals/humans in surgical, necrotizing or dissection situations) by the Scientific Review Committee, the Display & Safety Committee, or Society for Science & the Public. The decision made by any one of the groups mentioned above is final.
 - 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. being displayed were taken or 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.)
 - c. It is from the Internet, magazine, newspaper, journal, etc., and a credit line is attached. (If all photographs, etc. are from the same source, one credit prominently and vertically displayed is sufficient.)

Not Allowed at Project or Booth

1. Living organisms, including plants
2. Soil, sand, rock, cement and/or waste samples, even if permanently **encased in a slab of acrylic**
3. Taxidermy specimens or parts
4. Preserved vertebrate or invertebrate animals
5. Human or animal food as part of the exhibitor demonstration of the project.
6. Human/animal parts or body fluids (for example, blood, urine)
7. Plant materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state (Exception: manufactured construction materials used in building the project or display)
8. All chemicals including water (projects may not use water in any form in a demonstration)
9. All hazardous substances or devices (Example: poisons, drugs, firearms, weapons, ammunition, reloading devices, and lasers)
10. Items that may have contained or been in contact with hazardous chemicals (Exception: Item may be permitted if professionally cleaned and document for such cleaning is available)
11. Dry ice or other sublimating solids
12. Sharp items (for example, syringes, needles, pipettes, knives)
13. Flames or highly flammable materials (including magnified light sources)
14. Batteries with open-top cells or wet cells
15. Drones or any flight-capable apparatus should have the propulsion power source removed.
16. Glass or glass objects unless deemed by the Display & Safety Committee to be an integral and necessary part of the project (for example, glass that is an integral part of a commercial product such as a computer screen)
17. Any apparatus deemed unsafe by the Scientific Review Committee, the Display & Safety Committee, or Society for Science & the Public (Example: large vacuum tubes or dangerous ray-generating devices, empty tanks that previously contained combustible liquids or gases, pressurized tanks, 3D printers etc.)

Electrical Regulations at Intel ISEF

1. Electrical power supplied to the project is 120 or 220 Volt, AC, single phase, 60 cycle. 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 hall and may be adjusted on-site by the Display & Safety Committee. For all electrical regulations, "120 Volt AC" or "220 Volt AC" is intended to encompass the corresponding range of voltage as supplied by the facility in which the Intel ISEF is being held.
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 possibly 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 discouraged. If used, lighting must be as low a voltage as possible and must be LED lighting that does not generate heat. Light bulbs are prohibited. When student is not at the exhibit, all electrical

power must be disconnected, or power bars must be switched off (Exception: during pre-judging audio visual displays may be available).

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 Requirements

Any Class 1 or Class 2 lasers, along with only Class 3A or 3R lasers, are allowed to be used provided a finalist avoids indiscriminate exposure to other finalists, judges, or visitors (except if passed through magnifying optics such as microscopes and telescopes, in which case they may not be used). No other lasers may be used or displayed.

1. Any laser must be labeled by the manufacturer so that power output can be inspected. Lasers without labels will NOT be "cleared."
2. LED's that consume over 1 watt, unless they are in a commercial light bulb/ fixture or otherwise shielded, will not be allowed.
3. Lasers will be confiscated with no warning if not used in a safe manner. Serious offenses may result in failure to qualify.

Other Safety Regulations

1. Any inadequately insulated apparatus producing extreme temperatures that may cause physical burns is not allowed.
2. Any apparatus with unshielded belts, pulleys, chains, or moving parts with tension or pinch points must be for display only.
3. Society for Science & the Public, the Scientific Review Committee, and/or the Display & Safety Committee reserve the right to remove any project for safety reasons or to protect the integrity of the Intel ISEF and its rules and regulations.
4. Project sounds, lights, odors, or any other display items must not be distracting. Exceptions to this rule may be permitted for judging demonstrations. Approval must be given prior to judging.
5. Projects can be continued under the table BUT this area is not to be used for storage. No personal items or packaging materials may be stored underneath the booth.