

# Region IX Greater New Orleans Science & Engineering Fair

## Safety & Display Requirements and Restrictions

### GNOSEF- MAXIMUM SIZE OF PROJECT

24 inches deep front to back

48 inches side to side

108 inches floor to top (Table 36" high; thus, projects may only be 72" high.)

Maximum project sizes include all project materials and supports. If the table is used, it becomes part of the project dimensions and the table plus all other parts of the project must not exceed the allowed dimensions. Any demonstration for judging or public must be performed within the allotted size of project permitted. No materials may be placed on the floor in front of a project located on the table or under the table.

### GNOSEF- REQUIRED WITH DISPLAY

#### Forms required at all projects:

##### 1. GNOSEF- ISEF ABSTRACT

- ONLY** the ISEF current year official abstract form is acceptable and is to appear on the table in front of the project. **School and student name should be included.** The term "abstract" cannot appear 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 ISEF abstract.

##### 2. GNOSEF Project Set-up Safety/Display Approval Form (received on-site at the Fair during Safety/Display Judging)

- This form documents the project as approved when signed by the Safety/Display Review Judge.

#### Forms required only when applicable:

- ISEF Form 1C Regulated Research Institutional/Industrial Setting Form** for projects conducted at any regulated research institution, industrial setting or work site other than home, school or field.
- ISEF Form 7 Continuation/Research Progression Projects** for studies that are continuation/research progression, the form must be completed and vertically displayed at the project booth. The display board and abstract must reflect only the current year's work. No reference on display or in research paper to an institution or mentor that supported the research except as provided in the official Intel ISEF Form 1C.
- 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.

### GNOSEF- NOT ALLOWED WITH DISPLAY

Student/Teacher Note: If a project includes a prohibited item, please consider taking photographs and/or documenting the significance of the prohibited item through video.

Any changes, modifications, or additions to projects including any attempt to uncover, replenish or return removed language or items after the approval by the Safety & Display Committee and the Scientific Review Committee is prohibited and may result in disqualification of the project.

#### Prohibited Items:

- Active Internet or e-mail connections as part of displaying or operating the project are not allowed**
- Product brand names or logos**
- Plant materials (living, dead, preserved/dried plant materials). *Exception: construction materials used in building the project*
- Living or preserved vertebrate or invertebrate animals, microbes, including any taxidermy specimens/parts
- Human/animal parts/body fluids, for example blood and urine, hair, fur, bones, etc.
- Human/animal foods
- Glass/glass objects and/or any other sharp items or components
- Any apparatus with belts, pulleys, chains, or moving parts with tension or pinch points that are not appropriately shielded
- Soil, sand, rock, mineral and/or waste samples even if encased in a slab of plastic, acrylic or other means
- All chemicals including water

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- Items that may have contained or been in contact with hazardous chemicals
- Batteries with open-top cells
- All hazardous substances or devices (Example: poisons, drugs, firearms, weapons, ammunition, reloading devices, grease/oil and sublimating solids such as dry ice)
- Flames/highly flammable materials
- Photographs/visual presentations of vertebrate animals undergoing surgical techniques, dissections, necropsies, or other lab procedures.
- Inadequately insulated apparatus capable of producing dangerous temperatures
- 3D Printers unless the power source is removed
- Drones or any flight-capable apparatus unless the propulsion power source removed
- Acknowledgment page in the research paper or on board
- Distracting project sounds, lights, odors, or any other distracting display items in the opinion of the *Scientific Review or Safety Committee* are not allowed
- Postal addresses, World Wide Web, email and/or social media addresses, QR codes, telephone and/or fax numbers of a project or finalist
- Any disks, CDs, printed materials, etc. including unofficial abstracts designed to be distributed to judges/public
- Awards, medals, business cards, flags, logos, endorsements, and/or acknowledgments (graphic/written)
- Any information on the project display or items that are self-promotions or external endorsements are not allowed in the project booth
- Prior year project written material/visual depictions on the vertical display board. *Exception: the project title may mention previous project investigations, for example, "Year Two of an Ongoing Study"*. Continuation projects must have the *Continuation Project Form (7)* vertically displayed.
- Any reference to patent status of the project.
- Personal items or packaging materials stored underneath the table at the booth.**
- No personal food or drink items is allowed the judging area. Students are permitted bottle water.**
- Any items deemed unsafe or unacceptable by the Scientific Review or Safety/Display Committees are not allowed.**

### Photograph/Image Display Requirements

1. Any photograph/visual image/chart/table and/or graph is allowed if:
  - They are **photographs or visual depictions of the finalist**. No photographs of human participants other than researcher without proper release forms and citations.
  - It is not deemed offensive or inappropriate by the Scientific Review Committee or Safety & Display Committee.
  - It has a credit line of origin. 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 (digital object identifiers are acceptable in place of long URLs). This includes background graphics, photographs and/or visual depictions of the finalist or photographs and/or visual depictions of others for which a signed photo/video release form is in a notebook or logbook at the project booth.
  - Photographs of human subjects should **not indicate faces of subjects** so that they can be identified unless a signed photo release is presented to the Safety/Display Judge.

NOTE: Finalists using any presentation or demonstration (physical or digital) outside of a project board must be prepared to show the entire presentation to the Safety/Display Judge before the project is approved.

**Audio-visual or multi-media presentations**, displayed on computer monitors or other non-print presentation methods must be reviewed in their entirety by the Scientific Review Committee during Safety/Display judging at setup and approved at that time. Use of such during judging should not require a live Internet connection.

**Any additions/changes after safety judging could result in failure to qualify status.**

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### **GNOSEF- ELECTRICAL REGULATIONS**

1. All regulations are subject to modification by the *Safety and Display Committee* with an on-site review of the project display given the electrical capacity of the exhibition hall.
2. Finalists requiring 120 Volt A.C. electrical circuits must provide a UL-listed **3-prong extension cord** that is appropriate for the load and equipment.
3. Electrical devices must be protectively enclosed. Any enclosure must be non-combustible. All external non-current carrying metal parts must be grounded.
4. 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.
5. 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, electrical power must be disconnected, or power bars must be switched off.
6. An insulating grommet is required at the point where any wire or cable enters any enclosure.
7. No exposed live circuits over 36 volts are allowed.
8. There must be an accessible, clearly visible on/off switch or other means of quickly disconnecting from the 120- or 220-Volt power source.

### **GNOSEF- LASER 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.

### **ALLOWED**

1. Projects with human subjects that required prior approval and the IRB required **informed consent forms** must have previously submitted to the SRC the *Human Subjects Form (4)* or an equivalent form provided by a regulated research institution *Form 1C*. Signed Inform Consent must be made available to the GNOSEF upon request or project will not be able to compete.
2. A **project data book** is not required, but is recommended.
3. Student competitors must be present at their projects for the *Safety and Display* inspection unless otherwise confirmed by the fair directors and must make any needed changes requested to bring the project into ISEF compliance for Safety and Display guidelines.

GNOSEF Scientific Review Committee, and/or the Safety and Display Committee reserve the right to remove any project or parts of a project for safety reasons or to protect the integrity of the GNOSEF, its visitors and participants, and its rules and regulations.

If a project fails to qualify and is not removed by the Finalist, GNOSEF will remove the project in the safest manner possible, but is not responsible for damage to the project.

**All decisions made by the GNOSEF, the SCIENTIFIC REVIEW COMMITTEE,  
and/or the SAFETY AND DISPLAY COMMITTEE are final.**