



## **BASEF SAFETY & REGULATIONS CHECKLIST**

**Students must review the following safety checklist when completing the registration form. Non-compliant projects will be eliminated from competition.**

### **Display**

- 1 The Exhibit is within 2.5 m high from the floor, 1.2 m wide and 0.8 m deep.
- 2 Project apparatus is within the project display area.
- 3 The exhibit items and backboard are self-standing and stable, or secured to table.
- 4 All sheets on display board are glued flat.
- 5 All sharp edges on project or display are removed or protected.
- 6 Electrical cords, hoses, etc. do not create a tripping hazard.
- 7 No more than 2 people are presenting this project.

### **Human Projects**

- 8a Display may include pictures of participants if prior permission has been obtained.
- 8b Project displays must avoid sensational or gratuitous macabre images.

### **Animal Projects**

- 9 Live animals are not being displayed.
- 10 Display Shows no evidence of harm or distress to the animals that were used.

### **Chemicals**

- 11 Any flammable or poisonous chemicals (solid, liquid, gas) are simulated and noted as "chemical simulated"

### **Electrical**

- 12 Electrical power bars, supplies and cords in good condition, non-modified, CSA approved, and provide necessary grounding if required for apparatus.
- 13 No exposed live parts over 36 V. Exposed metal parts in systems over 36V are grounded.
- 14 Potential heat generating electrical devices are non combustible.
- 15 Only sealed type batteries are used.
- 16 Apparatus such as Van de Graff generator, spark gap etc. are non-operational

### **Fire Safety**

- 17 No flames are used in display
- 18 Packing material has been removed from the Exhibit Hall.
- 19 Student knows the Fire Exit Plan

### **Light Emitting Devices & Lasers**

- 20 Only ANSI 'Class 1' unmodified Lasers or laser diodes can be operated.
- 21 Lasers or laser diodes are affixed to display and not pointing into gallery
- 22 Light sources used for heat are thermally guarded or non operational

### **Microorganism & Biohazards**

- 23 No plants, plant tissues or soils shall be exhibited.
- 24 No materials which could decompose shall be exhibited
- 25 Fibrous materials are in sealed containers (example: insulation)

### **Pressure Systems & Explosives**

- 26 Air/ Hydraulic pressure systems are non operational and open to atmosphere
- 27 No Pressurized tanks, canisters or gas cylinders are in the display
- 28 No firearms or explosives are displayed -(Mockups may be displayed)

### **Structural Mechanical**

- 29 Hazardous moving parts are protected
- 30 Apparatus is self supporting and not subject to falling