

# **BASEF Safety Check List for Project Number**

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Go over the checklist below, make sure that you can truthfully answer "Yes" to each of the rules below. Bring this completed form with you to the fair on Setup day. Signed forms to be returned to Safety Inspection Station.

## **Display**

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 1. The Exhibit is within 2.74 m high from the floor, 1.2 m side to side and 0.76 m front to back. |
| <input type="checkbox"/> | 2. Project apparatus is within the project display area.  |
| <input type="checkbox"/> | 3. The exhibit items and backboard are self-standing and stable, or secured to table.             |
| <input type="checkbox"/> | 4. All sheets on display board are glued flat.  |
| <input type="checkbox"/> | 5. All sharp edges on project or display are removed or protected.                                |
| <input type="checkbox"/> | 6. Electrical cords, hoses, etc. do not create a tripping hazard.                                 |

## **Animal Projects**

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | 7. Live animals are not being displayed.                                       |
| <input type="checkbox"/> | 8. Display shows no evidence of harm or distress to the animals that were used |

## **Chemical**

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 9. Any flammable or poisonous chemicals (solid, liquid, gas) are simulated. and noted as 'chemical – simulated' |
|--------------------------|---|

## **Electrical**

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 10. Electrical power bars, supplies and cords in good condition, non-modified, CSA approved, and provide necessary grounding if required for apparatus.                               |
| <input type="checkbox"/> | 11. No exposed live parts over 36 V. Available current is low enough so as not to cause damage in the event of a short circuit. Exposed metal parts in systems over 36V are grounded. |
| <input type="checkbox"/> | 12. Potential heat generating electrical devices are non combustible.   |
| <input type="checkbox"/> | 13. Only sealed type batteries are used.  |
| <input type="checkbox"/> | 14. Apparatus such as Van de Graff generator, spark gap etc. are non- operational   |

## **Fire Safety**

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | 15. No flames are used in display                            |
| <input type="checkbox"/> | 16. Packing material has been removed from the Exhibit Hall. |
| <input type="checkbox"/> | 17. Student knows the Fire Exit Plan                         |

## **Light Emitting Devices & Lasers**

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 18. Only ANSI 'Class 1' unmodified Lasers or laser diodes can be operated.      |
| <input type="checkbox"/> | 19. Lasers or laser diodes are affixed to display and not pointing into gallery |
| <input type="checkbox"/> | 20. Light sources used for heat are thermally guarded or non operational        |

## **Microorganism & Biohazards**

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | 21. No Microorganisms, biological toxins, cultures or decomposing plant tissue |
| <input type="checkbox"/> | 22. Benign Biological cultures are stored in sealed containers                 |
| <input type="checkbox"/> | 23. Fibrous materials are in sealed containers (example: insulation)           |

## **Pressure Systems & Explosives**

- |                          |  |
|--------------------------|--|
| <input type="checkbox"/> | 24. Air/ Hydraulic pressure systems are non operational and open to atmosphere |
| <input type="checkbox"/> | 25. No Pressurized tanks, canisters or gas cylinders are in the display        |
| <input type="checkbox"/> | 26. No firearms or explosives are displayed - (Mockups may be displayed)       |

## **Structural Mechanical**

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | 27. Hazardous moving parts are protected.                   |
| <input type="checkbox"/> | 28. Apparatus is self supporting and not subject to falling |

***Project has been inspected and passed the Safety Requirements (note changes made on back of sheet).***

Inspector Name (Please Print)

BASEF2006SafetyCheckListV1.doc

Inspector Signature

Revised November 5, 2003