

GREATER SAN DIEGO SCIENCE & ENGINEERING FAIR (GSDSEF)

CERTIFICATION OF HAZARDS CONTROL FORM 4 (GSDSEF-4, 2015)

This form, if required, must be completed and signed before starting your project. Place it in your notebook for the GSDSEF SCREENING Fair. (Use the "Tab" key to move from line to line)

The student, and all who sign this form, **MUST READ AND COMPLY** with the Hazardous Material and Safety requirements for dealing with such materials as, bacteria; molds or fungi; protozoa; chemicals; toxic, corrosive, mutagenic, carcinogenic, teratogenic or infectious agents; venomous animals as explained in [GSDSEF RULES & REGULATIONS page 13](#)

Student's Name (last, first, middle) Hizon, Janelle Elise Date 6/1/14

Partner's Name (Senior Division only) _____

School Marshall Middle Grade 8

Science Teacher Elaine Gillum

Project Title Nutrition: Facts or Fiction?

Hazardous procedures/materials/substances involved Fire

Answer 1 - 10 in detail & identify potential hazards clearly (use n/a if none—use additional sheets if needed):

1. Source of materials to be used A barbecue lighter or match will be used to ignite samples
2. Disposal method(s) to be used for hazardous materials Charred samples will be doused in water, then disposed in a trash receptacle
3. Procedures to be performed by the student 100+ food samples will be burned for data
4. Procedures to be performed by supervising scientist/adult supervisor An adult will monitor the burning process
5. Safety precautions to be taken during procedures (be specific for each hazard involved) Goggles and filtered masks will be used, and water is near
6. Name of adult hazards supervisor, Title, Phone, Company or Organization Harriett Hizon, (858)-722-4923

Where bacteria, protozoa, fungi, molds, etc. are used, full details are required in 7-10:

7. Source of microorganism(s) _____
8. Genus, species, strain _____
9. Culture medium _____
10. Method & timing of sealing Petri dishes _____

REQUIRED CERTIFICATION SIGNATURES:

Failure to follow the rules and regulations will result in disqualification I CERTIFY THAT:

- The hazards control rules and regulations of the GSDSEF and the Intel ISEF will be followed.
- The procedures followed will ensure that neither the process nor the materials used constitute any known danger.
- All microorganisms, pathogenic or non-pathogenic, will be handled and disposed of as if pathogenic.
- I have previously signed the completed Form GSDSEF-1, 2015 (which outlined the procedures to be followed for this study).

Student's signature  Date 6/1/14

Parent/ Guardian signature  Date 6/1/2014

Teacher signature  Date 6-1-14

Adult Hazards Supervisor signature  Date 6/1/2014

SRC Approval