

# 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) Rao, Ananya, Jay Date 9/1/14

Partner's Name (Senior Division only) \_\_\_\_\_

School Marshall Middle School Grade 8

Science Teacher Mrs. Elaine Gillum

Project Title Comparing the Effect of Natural & Chemical Oil Dispersants on Brine Shrimp

Hazardous procedures/materials/substances involved Diesel oil

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 Gas Station
  2. Disposal method(s) to be used for hazardous materials Dispose at San Diego household hazardous waste collection site
  3. Procedures to be performed by the student Mix small amounts of diesel oil with seawater
  4. Procedures to be performed by supervising scientist/adult supervisor none
  - 5 Safety precautions to be taken during procedures (be specific for each hazard involved) use gloves, safety goggles
  6. Name of adult hazards supervisor, Title, Phone, Company or Organization Mrs. Gillum, Science Teacher, Marshall Middle School
- Where bacteria, protozoa, fungi, molds, etc. are used, full details are required in 7-10:
7. Source of microorganism(s) n/a
  8. Genus, species, strain n/a
  9. Culture medium n/a
  10. Method & timing of sealing Petri dishes n/a

### 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 Ananya Rao Date 9/3/14

Parent/ Guardian signature [Signature] Date 9/1/14

Teacher signature [Signature] Date 9-1-14

Adult Hazards Supervisor signature \_\_\_\_\_ Date \_\_\_\_\_

SRC Approval