Title of the Project:
Date:
Lab Location:
PI:
Contact Information:
Date of Review:
Emergency Procedures
Describe the procedures in the event of an emergency including a phone number, floor plan, exits, the location of emergency equipment.
Hazardous Materials and Equipment
List the items used (include chemical name, common name, an abbreviation).

Potential Hazard(s):
Describe the potential hazards associated with the chemicals or the procedure. Examples include:
 Chemical hazards such as carcinogenic, irritant, corrosive, and acutely toxic. Reproductive hazards such as teratogens or mutagens. Physical hazards such as reactive, unstable, pyrophoric, implosion, and exothermic. Use of compressed gases, cryogenics, sharps, high pressure, etc.
Routes of Exposure
List any potential routes of exposure such as inhalation, injection, skin or eye contact.
Exposure Limit
List the Permissible Exposure Limit (PEL) or Threshold Limit Value (TLV) of the chemical(s) (if applicable and known).

Quantity and Concentration Hazards
Describe if the quantity or concentration of the chemical(s) used increases the risk of exposure to the chemical (if applicable).
Personal Protective Equipment (PPE)
Refer to the SDS, other resources, or consult OH&S.
What type of Gloves:
Lab Coats, Suits, or Aprons:
Safety Glasses, Goggles, or Face shields:
Respirators:
Hearing Protection:
Special Equipment (such as blast shields):

Other:

Engineering Controls

As applicable,	describe th	e engineering	controls used	for the	procedures.	Examples

- Use of fume hoods or gloves boxes
- Special Ventilation
- HEAP filtered vacuum lines
- Temperature control
- Bench paper, pads, plastic-backed paper
- Special signage
- Safe sharp devices
- Other safety Devices

Work Practice Controls

As applicable, describe work practice controls used for the procedures. Examples:

- Designated areas for highly toxic chemicals
- The requirement of two people
- Restricting access
- Handwashing
- Housekeeping

Monitoring
As applicable, describe any monitoring needed for the procedure. Examples:
Personnel exposure monitoringGas and spill release monitoring
Cleanup and Decontamination Procedures
Describe the process for cleaning the work area during and after the procedure.
Storage Procedures
Describe how and where your safe chemical storage.
Describe now and where your sure engineer storage.

Transportation Procedures
If transporting chemicals on campus, describe the procedure.
W4- DiI Duo columno
Waste Disposal Procedures Describe your waste disposal procedure. Examples:
 Animals (include bedding, cages, and carcasses):
• Chemicals:
Radioactive:Sharps:
Spill or Releases
Provide specific instructions on what personnel should do in the event of a spill or gas release (including the location of spill kits).

Fire
Provide specific instructions on what personnel should do in the event of a fire.
Signs and Symptoms of Evnosure
Signs and Symptoms of Exposure Describe the specific signs and symptoms of exposure to the chemical (such as visual cues or odors).
Describe the specific signs and symptoms of exposure to the chemical (such as visual cues of odors).
Exposures
Provide specific instructions on what personnel should do in the event of an exposure. If first aid for exposure is available, describe the procedure. If not, describe what steps should personnel take if injured.

Occupational Health Requirements
Describe any Occupational Health and Safety requirements necessary associated with the procedure. Examples include medical evaluation and respiratory fit testing.
Safety Data Sheets (SDS)
Describe how personnel will access SDS in the lab. Include a copy of the SDS with this SOP.
Training Requirements
Describe what documented training personnel must complete before using chemical or conducting procedure.

Review of Procedure
Describe the frequency for reviewing the SOP document.
Protocol
Description of how to safely perform the experiment or operation.
Training Acknowledgement:
I have read, asked questions, and understand the hazards and safe working procedures for the activity or materials described herein.
Name:
Date: