

# Experimental Safety Plan.

Team Name: 10-Ohio-5 ---- TASK 5

## Ohio University

An Experiment Safety Plan (ESP) is required for every experiment conducted and performed by students in the WERC Design Contest. The purpose of the ESP is to assure the safety of all by identifying the safest possible methods to conduct an experiment. By signing below the individual(s) conducting the experiment, College of Engineering Safety Specialist (COE Safety), and the faculty advisor acknowledge responsibility for the following requirements.

- 1) Appropriate Personal Protective Equipment (PPE) must always be worn while in the lab (as described in the ESP). The minimum required PPE to enter a research/teaching lab is (1) long pants, (2) closed toe shoes, (3) lab coat or long sleeve shirt, and (4) safety glasses with side shields.
- 2) For safety reasons, no researcher is permitted to work alone in the lab at any time. Because the labs are open 24/7, there may be occasions (such as a late night or over weekends) when there are no other people working in the lab. If you plan to work during a time when the lab might be expected to be empty, please plan ahead and coordinate your work schedule with another lab member.

Date		
ESP Phase I approval: COE Safety		
ESP Phase II approval: COE Safety		

3) By signing below, both faculty advisor and researchers(s) understand that the CHO can approve/disapprove any part of the ESP. The CHO can further assemble a committee of individuals with appropriate technical or EH&S background to assist in reviewing the ESP. It is the goal of the CHO to help the researcher(s) find the safest method(s) of conducting an experiment. The CHO, or any faculty member, may stop lab activity of individuals not following good lab practices.

School and Team	Name	Signature	Date
Faculty Advisor	Darin Ridgway		
Researcher	Michael McMahon		
Researcher	Maggie Riley		
Researcher	Lain Weppler		
Researcher	Kyle Shermak		
Researcher	Connor Fallace		
Researcher	Owen Aliu		
Researcher	Kyle Carpenter		
Researcher	Ken Appell		
Researcher	Sherry Gabra		

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EH & S(at request of COE Safety)			
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## Required attachments to the ESP:

- Attachment 1: Experimental Scope
- Attachment 2: Drawing of Experimental Layout including P&ID
- Attachment 3: Normal Operation, Startup and Shut-down Procedures
- Attachment 4: Emergency Shutdown Procedures
- Attachment 5: Waste Management Procedure
- Attachment 6: Hazard Identification and Mitigation
- Attachment 7: Other Equipment and Chemical Needs
- Attachment 8: Safety Data Sheets