**Project Hazard Control- For Projects with Medium and Higher Risk**

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| **Name of Project:**  | **Date of Submission: 03/03/2023** |
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| Thinking about the accident that have Occurred or that you have identified as a risk, describe emergency response procedure to use.**Be Specific (Don’t just state “be careful”)** |
| Prototyping -Main Risks: Electrocution, cuts and burns, ingestion of resin or lead during soldering -Precautions: Wear proper personal protective equipment such as gloves, goggles, and/or masks. Always work with one or more team member present.  Assembly -Main Risks: Cuts, bruises, burns, solder inhalation, and electrical shock -Precautions: Use tools only in the intended fashion. Do not work with live wires, always wear PPE (gloves, mask, protective eyewear). Organize the workspace to avoid mishaps and dispose of waste properly. Also, work in the lab with the supervision of one or more team members.  Testing -Main Risks: Physical strain, electrocution, injury from device accidentally falling on the user or improper device set up clothing articles, and personal accessories catching on the device during the extension process. -Precautions: Wear PPE (gloves, hardhat, closed-toe shoes) and do not wear excessively loose-fitting clothing or hanging personal accessories. Ensure that the device supports are properly set up and secured on level ground. Always have the supervision of one or more team members while testing.  Operation -Main Risks: Physical strain, electrocution from accidental interaction with utility wire, injury from device falling or improper setup, and personal accessories catching on the device during the extension process. -Precautions: Wear proper protective equipment (gloves, closed-toed shoes, hardhat, no loose-fitting clothing, or hanging personal accessories). Select a place to set up the device where it will not directly extend into live utility wires or electrical structures on the utility pole. Also, do not stand or place body parts in the direction of the extension path. Ensure that the device supports are properly set up and secured on level ground. Always have the supervision of one or more people while using the device. Per OSHA regulation the minimum distance that must be maintained between exposed insulated power lines is three feet for less than 300 volts. For utility lines that are uninsulated minimum distance is 10 feet. Crews of two to four are required incase of injuries. These crews are trained in CPR and first aid. Transportation -Main Risks: Physical strain, clothing, and personal items catching on the device. -Precautions: Turn the device off and properly fold the device before moving. Practice proper lifting technique and wear proper PPE. Closed toed shoes are required at all times. |

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| * Emergency stop or force stop electronic device with controls.
* Immediately call 911, and simultaneously call the emergency contacts.
* Use an insulating stick-on person if available.
* Contact Faculty adviser in the case of the life-threatening injury
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| List emergency response contact information: |  |
| Call 911 for injuries, fires or other emergency situations.Call your department representative to report a facility concern |  |
| Name | Phone number | Faculty or other COE emergency contact | Phone number |
| Ingrid Murphy | 954-825-9196 | Shayne McConomy | 850-410-6624 |
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| Jamella Terry | 904-451-7498 | Babak Noroozi | 850-410-6464 |
| Safety review signatures |  |
| Team member | Date | Faculty mentor | Date |
| Ebony Bland | 11/15/2022 |  |  |
| Austin Bruen | 11/15/2022 |  |  |
| Davis Goolsby | 11/15/2022 |  |  |
| Emilio Manzo | 11/15/2022 |  |  |
| Garfield Murphy | 11/15/2022 |  |  |