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

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| **Name of Project: Automated Manufacturing for STEM Engagement** | | | | **Date of submission:** | | |
| **Team member** | | **Phone number** | | **e-mail** | | |
| Carlos Aceituno | | (407)-399-3501 | | caa20@fsu.edu | | |
| Tristian Belardo | | (407)-376-7155 | | teb22e@fsu.edu | | |
| Leah Bergman | | (515)-975-1180 | | lb21d@fsu.edu | | |
| Xavier Hammond | | (813)-337-8122 | | xth20@fsu.edu | | |
|  | |  | |  | | |
| **Faculty mentor** | | **Phone number** | | **e-mail** | | |
| Dr. Camilo Ordonez | | (850)-410-6365 | | cordonez@eng.famu.fsu.edu | | |
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| **Rewrite the project steps to include all safety measures taken for each step or combination of steps. Be specific (don’t just state “be careful”).** | | | | | | |
| **Step 1: Linear Actuator Testing** – In order to properly test the Linear Actuator, our group will stand about a foot away from the device and ensure power is disconnected before interacting with the actuator. The team will also use basic PPE such as safety glasses during testing.  **Step 2: Conveyor Belt Testing** – When testing the conveyor belt, the team will ensure that everyone keeps their hands clear and steps about half a foot away while testing. The team will also be sure to disconnect all power before interacting with the conveyor belt again. Safety glasses will be the only form of PPE used by the team during this step.  **Step 3: Wiring** – When testing the wiring for this project, the team noticed that high energy sources would be another hazard to avoid during this project. There will be a strict enforcement on ensuring that all power is disconnected before interacting with wires. For this step’s PPE, the team will utilize ESD grounding to ensure that there are no external charges that will interfere with the wiring in the device.  **Step 4: Frame Support and Mounting Claw** – While testing both of these aspects for the project, the team will ensure safety by not overloading the system or allowing the system to run unsupervised and using PPE such as safety glasses. | | | | | | |
| **Thinking about the accidents that have occurred or that you have identified as a risk, describe emergency response procedures to use.** | | | | | | |
| Call FSU Police – 644-1234 because they will have the ability to find the correct people to properly handle hazardous materials as well as hazardous situations. | | | | | | |
| 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** | |  |
| Shayne McConomy | (850)-410-6624 | | Faculty | |  |
| Donald Hollett | (850)-410-6600 | | COE Facilities Coordinator | |  |
| **Ethan Bell** | **(407)-617-5698** | | **Tristian’s Roommate** | |  |
| **Juan Aceituno** | **(407)-491-2465** | | **Carlos’s Father** | |  |
| **Wayne Bergman** | **(515)-975-1180** | | **Leah’s Father** | |  | |
| **David Johnson** | **(850)-339-3729** | | **Xavier’s Godfather** | |  |
|  |  | |  | |  |
| Safety review signatures | | | | | | |
| **Team member** | **Date** | | **Faculty mentor** | | **Date** |
| Carlos Aceituno | 3/6/25 | | Dr. Camilo Ordonez | | 3/6/25 |
| Tristian Belardo | 3/6/25 | |  | |  |
| Leah Bergman | 3/6/25 | |  | |  |
| Xavier Hammond | 3/6/25 | |  | |  |
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**Report all accidents and near misses to the faculty mentor.**