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| | Touching the photovoltaic module when it is turned on. | Physical injury in the form of a burn. | <ul style="list-style-type: none">• Do not turn on the photovoltaic module until necessary to reduce the risk of accidental heat injuries.• Practice extreme caution when the photovoltaic module is turned on. | No | 2 | C | M | Time, Effort | Y |
| Turning the wind tunnel on and off. | Exposure to extremely high current can be fatal. | Physical injury/fatal | <ul style="list-style-type: none">• Follow the correct procedure outlined by Matthew Deng during the experimental testing demonstration.• Press the emergency stop button located on the wind tunnel immediately if any problems are experienced.• Do not attempt to fix any of the internal components of the wind tunnel under any circumstances. | No | 5 | E | M | Time, Effort | Y |
| Operation of the wind tunnel. | Excessive noise caused by the wind tunnel. | Hearing loss | <ul style="list-style-type: none">• Use the ear plugs available in the lab during operation of the wind tunnel• Once the wind tunnel is in operation, move | No | 2 | D | L | Time, Effort, Money | Y |