



Hazard Identification and Risk Assessment

| Tasks | Hazards/Risks | Initial Risk L x C = R | | | Controls | Residual Risk L x C = R | | | Responsible Person(s) |
|---|-------------------------------------|---------------------------|---|----|---|----------------------------|---|---|--|
| | | L | C | R | | L | C | R | |
| Forklift Operation or Mechanical Material Handling | -Injury -Death | 3 | 4 | 12 | -Forklift and Industrial Trucks Program -Forklift Training and Certification | 2 | 2 | 4 | -Warehouse Manager -Compliance Manager |
| Manual Material Handling | -Injury | 3 | 3 | 9 | -R2 Categorizing and Inspection Process -PPE Program -Annual Training | 1 | 1 | 1 | -Warehouse Manager |
| Power Tool Usage for disassembly | -Injury | 3 | 3 | 9 | -Hand and Power Tool Safety Program -Annual Training | 1 | 1 | 1 | -Warehouse Manager |
| Climbing Warehouse Ladders | -Injury | 3 | 4 | 12 | -Ladder Safety Program -Annual Training -Quarterly Ladder Inspection | 2 | 2 | 4 | -Lab Director -Quality Operations Manager -Quality Control Supervisor -Compliance Manager -Equipment Maintenance/ Facilities Technician |
| Facility Maintenance | -Injury | 3 | 3 | 9 | -Fire Extinguisher Program -Emergency Preparedness and Response Program -Contractor Sign in process -Annual personnel training | 1 | 1 | 1 | -Equipment Maintenance/ Facilities Technician -Compliance Manager |
| Use of Hazardous Chemicals during testing processes | -Injury -Long term health effect | 3 | 4 | 12 | -HAZCOM Program/Drill -Chemical container Labeling -Third Party Maintenance of waste -Emergency Preparedness and Response Program -Spill kits -Annual Training | 2 | 2 | 4 | -Equipment Maintenance/ Facilities Technician -Lab Director -Quality Operations Manager |

Risk Matrix on Next Page

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| Risk Matrix | | Consequences (C) | | | | |
|----------------|--|---------------------------------------|-----------------------------|--------------------------------------|--------------------------------|--------------------------------------|
| | | 1 - Negligible Minimal/No Injuries | 2 - Minor Minor Injuries | 3 - Significant Moderate Injuries | 4 - Severe Serious Injuries | 5 - Catastrophic Death/Impairment |
| Likelihood (L) | 1 – Very Unlikely Rare/Remotely Possible | 1 - Low | 2 - Low | 3 - Low | 4 - Moderate | 5 - Moderate |
| | 2 – Unlikely Not 100% Improbable/Expected | 2 - Low | 4 - Moderate | 6 - Moderate | 8 - Moderate | 10 - High |
| | 3 – Possible Possible | 3 - Low | 6 - Moderate | 9 - Moderate | 12 - High | 15 - High |
| | 4 – Likely Likely to happen | 4 - Moderate | 8 - Moderate | 12 - High | 16 - Catastrophic | 20 - Catastrophic |
| | 5 – Certain 100% Likely | 5 - Moderate | 10 - High | 15 - High | 20 - Catastrophic | 25 - Catastrophic |

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REVISION LOG

| REVISION LEVEL | REVISION DATE | DESCRIPTION OF CHANGE | APPROVED BY |
|----------------|---------------|---|----------------|
| 1 | 11/20/24 | Initial Creation | Kimberly Costa |
| 2 | 12/04/24 | Revised risk assessment and made a more detailed risk assessment of the risks and controls in place | Kimberly Costa |
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