**Battery Charging Area Checklist**

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| --- | --- |
| Inspector Name:  | Date: |

**Area 5S**

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| --- | --- |
| Is the charging area free of clutter, trash, and debris? | ☐ Yes   ☐ No |
| Are all PIT lanes, aisle markings, etc. surrounding the area visible? | ☐ Yes   ☐ No |
| Are charging cables and other cords properly managed and organized? | ☐ Yes   ☐ No |
| Are charging outlets clear and easily accessible? | ☐ Yes   ☐ No  |
| Do all battery charging stations have their own designated 5S markings? | ☐ Yes   ☐ No  |
| Is the intended organization of the area posted for workers to reference? | ☐ Yes   ☐ No  |
| Do aisles meet the width requirements outlined in OSHA standard 29 CFR 1910.22? | ☐ Yes   ☐ No  |

**Emergency Preparedness**

|  |  |
| --- | --- |
| Are fire extinguishers visible, marked, and easily accessible? | ☐ Yes   ☐ No |
| Are emergency phone numbers posted for workers to use? | ☐ Yes   ☐ No |
| Have all fire extinguishers been inspected and filled recently? | ☐ Yes   ☐ No |
| Is there a fully functional eyewash station near the charging area? | ☐ Yes   ☐ No  |
| Do workers have access to a fully stocked first aid kit? | ☐ Yes   ☐ No  |

**Battery Safety**

|  |  |
| --- | --- |
| Does the charging area have sufficient ventilation? | ☐ Yes   ☐ No |
| Are personnel prohibited from smoking in the battery charging area? | ☐ Yes   ☐ No |
| Do workers have access to a bathroom or sink where they can properly flush and dispose of spilled electrolytes?  | ☐ Yes   ☐ No |
| Is the charging area clear of equipment and processes that are likely to cause sparks or use open flames? | ☐ Yes   ☐ No  |
| Is the area protected from the accumulation of harmful dust and fumes? | ☐ Yes   ☐ No  |
| Do workers keep engines running while they fill up the fuel tanks? | ☐ Yes   ☐ No  |
| Is noise in the charging area kept within the limits outlined in OSHA standard 1910.95? | ☐ Yes   ☐ No  |
| Do the technicians handling lithium batteries have the proper certifications? | ☐ Yes   ☐ No  |

**PPE**

|  |  |
| --- | --- |
| Do workers wear goggles and/or face shields when performing hot work activities? | ☐ Yes   ☐ No |
| Do workers wear safety glasses when working with sharp tools or objects? | ☐ Yes   ☐ No |
| Do workers wear aprons, gloves, and other forms of PPE to protect them from chemical spills while handling battery components? | ☐ Yes   ☐ No |