BatteryRobot Tools Documentation

Version 0.1.1

9th May 2024

Document Control Page

Document Name: Battery Robot Tools Specification

Version Date: 9 May 2024

Version: 0.1.1

|  |  |  |
| --- | --- | --- |
| Document History (Prior version sub-revision history are suppressed) | | |
| Date | Initials | Version or Revision |
| 9th May 2024 | XA | Version 0.1 Initiate documentation |

Table of Contents

[Project Overview 4](#_Toc166109160)

[Version Control 6](#_Toc166109161)

[File Hierarchy 7](#_Toc166109162)

[General Limitations and Warnings 8](#_Toc166109163)

[Codebase Explanation 9](#_Toc166109164)

[Main.nproj 9](#_Toc166109165)

[Locators 9](#_Toc166109166)

[Pipette and Gripper Locs 9](#_Toc166109167)

[Types of Locs 9](#_Toc166109168)

[Object Classes 9](#_Toc166109169)

[BatteryRobot 9](#_Toc166109170)

[PowderShaker 9](#_Toc166109171)

[Powder Protocols 9](#_Toc166109172)

[External Libraries 9](#_Toc166109173)

[Safety Precautions 9](#_Toc166109174)

# Project Overview

# General Limitations and Warnings

# Requirements

# File Hierarchy

# Version Control

# Detaield Codebase Explanation

## Main.nproj

## Locators

### Pipette and Gripper Locs

### Types of Locs

#### Standard

#### Grid

### Mapped Locs

Accessible through Locators.py

## Classes

### BatteryRobot

### T8

### PowderShaker

## Powder Protocols

## External Libraries

## Safety Precautions