

Risk Assessment Form

Name of entry: FloraBot AI

Student Name: Clarence Antonmeryl Date: 29th July 2021

Student Name: Lavanthan Saynthan Date: 29th July 2021

Type of Risk	Hazard	Level of Risk	Procedure taken to control risk	Source
Procedure or equipment	Lithium-ion battery (in Midstorms Ev4) overheating. This may lead to the battery combusting.	Medium risk	Do not operate the robot in excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces and locations.	ehs.mit.edu
Procedure or equipment	Lithium-ion battery (in Midstorms Ev4) combusting.	High risk	Do not put batteries near or in contact with conductive materials, water, seawater, strong oxidisers and strong acids.	ehs.mit.edu
Procedure or Equipment	Storage of the robot	Medium risk	Store the robot in a dry and well-ventilated area in room temperature or lower. The area should be free of materials that can catch on fire.	ehs.mit.edu