Risk Register

Location	The University of Adelaide - Fac of Eng, Comp & Math Sci - School of Mechanical Eng - *N/A - North Terrace - Engineering South - ENS - *N/A - Workshop - 2099: Autonomous Platform for Landmine Detection	**Master Category**	OHS

Entity	The University of Adelaide	**Faculty/Division**	Fac of Eng, Comp & Math Sci
School/Branch	School of Mechanical Eng	**Discipline/Unit**	*N/A
Campus	North Terrace	**Building**	Engineering South - ENS
Room	*N/A	**Room Type**	Workshop
Risk Assessment Title	2099: Autonomous Platform for Landmine Detection		

Assessment Record: 3086 **Assessment Checklist:** OHS - Tasks - General

ID	Hazard	Hazard Description/Nature of Risk	How can this hazard/threat cause an incident/adverse event?	Residual	Assessor
15199	Caught between moving machinery parts	Is there the potential for a person to be caught between moving parts of a machine? e.g. entrapment, pinch points, potential crush zones	Actuators and motors are present on the vehicle to allow for remote operation. Contact with these parts while in operation may lead a person trapping a finger or being caught.	Low (6)	Rahul Emmanuel Kalampattel

Risk Assessment Keywords

What controls are currently in place?

It is highly unlikely than a person will need to interact with the actuators or motors while the vehicle itself is in operation. Furthermore, according to SOP, a minimum distance must be kept from the vehicle when in operation. In case of an incident, an emergency stop is in place on the vehicle, as well as a remote kill switch.

ID	Action Description	Control Statement	Responsible Person	Due Date	Cost	Progress	Control Type

ID	Hazard	Hazard Description/Nature of Risk	How can this hazard/threat cause an incident/adverse event?	Residual	Assessor
15200	Struck by vehicle	Is there the potential for a person to be struck by a vehicle? e.g. a car, a truck, a tug, a forklift	In the event that the vehicle loses control, it could potentially collide with a person.	Low (2)	Rahul Emmanuel Kalampattel

Risk Assessment Keywords

What controls are currently in place?

Since the vehicle will be operated at low speeds in open areas, it is unlikely that a collision will occur. Also, according to the SOP, a minimum distance must be kept from the vehicle at all times during operation. In case of an incident, an emergency stop is in place on the vehicle, as well as a remote kill switch.

ID	Action Description	Control Statement	Responsible Person	Due Date	Cost	Progress	Control Type