



RISK ASSESSMENT: RACE TO THE LINE 2.0 Bio RACE DAY

ACTIVITY	PERSON AT RISK	SIGNIFICANT HAZARDS	RISK*			RISK CONTROL MEASURES	RISK*		
			L	S	DR		L	S	DR
Setting up	Team members and others in the vicinity	Slips, trips and falls	2	1	<u>2</u>	<ul style="list-style-type: none"> - Ensure demonstration and tether area is sealed off from unauthorised personnel - Use correct manual handling techniques when moving bricks etc. - Maintain a clear work area - Ensure the area is kept tidy & the CO2 launch system is always supervised 	1	1	<u>1</u>
Making rocket cars	Participants	Hot wire cutter and tool injuries	2	2	<u>4</u>	<ul style="list-style-type: none"> - Ensure any wires do not present a trip hazard. - Supervise or manage cutting using the hotwire cutter - Use hot wire cutters in open rooms/areas and at minimum practicable heat setting to prevent any smoke - Provide hammers and tools for cutting wheels & axles - Keep area clean of dust, cut off foam, etc. 	1	1	<u>1</u>
Operating the rocket cars	Participants and team members	Flying object impact injuries	2	2	<u>4</u>	<ul style="list-style-type: none"> - Ensure the steel tether wire is secured & cable tensioned to avoid the car 'veering off course' - Ensure spectators stand clear of the finish area to avoid potential flying objects - Give clear instruction not to approach the track by anyone other than a team member - Tidy area before observers can use the area for normal activity 	1	1	<u>1</u>

* Numbers used are for illustrative purposes only, ** Residual risk is the level of risk that remains after suitable and sufficient control measures are introduced.

LIKELIHOOD (L) = Frequent (5) – Probable (4) – Occasional (3) – Improbable (2) – Remote (1) SEVERITY (S) = Catastrophic (5) – Major (4) – Reportable (3) – Serious (2) – Minor (1) Degree of Risk (DR) = LIKELIHOOD x SEVERITY

Person/s completing document	Mark Robinson		
Signatures/s			
Position	Head Of Programmes		
Time and date completed	10/06/20		