

Risk Assessment Sheet – Mini Tank

Hazard	Ef- fect	Possible Cause	Notes	PSR	PL R	RF	Action
Tank leaves arena	9	Improper setup of arena	May be caused by the natural surroundings of the area or setup.	3	1	3	Appropriate training and advice to be given to the driver. Course Marshalls to redirect driver. Course Marshall uses emergency stop button to stop tank. Course inspection prior to event.
Tank hits Marshall	9	Inadequate instruction	Suitable arena to be setup	3	1	3	Marshall places himself appropriately on the course. Training to be given prior to the event.
Driver hits face on tank canopy	1	Inadequate control and instruction	Canopy can be removed for small participants	1	1	1	Full face helmet and seat belts always used.
Tank turns over	9	Unsuitable course	May be caused by the natural surroundings. Course inspection prior to event	3	1	3	Only flat terrain to be used.
Tracks come off tank	1	Inadequate instruction	Set out suitable course, free from obstructions before event	1	1	1	Participants to be advised on correct driving procedures. No spinning around in circles or reversing, unless instructed too. Marshalls to monitor closely.
Fire	6	Bad maintenance	All tanks inspected and fully maintained prior to the event	1	1	1	Tanks to be turned off when being filled with fuel and correct refueling procedures to be followed by the Marshalls. Fire extinguishers to be immediately available at all times.

Effect Code

1	Cuts / Abrasions
2	Broken / Dislocated bones
3	Sprains / Strains
4	Unconsciousness
5	Electrocution
6	Burns / Scolds
7	Flying / Falling objects
8	Contagious Diseases
9	Crushing / Trapping
10	Drowning
11	Spinal Injuries
12	Personal health – situations possibly leading to illness e.g. thermal shock causing heart attack or working conditions leading to epilepsy
13	Asphyxia
14	Absorbing harmful substances (e.g. through the skin, orifices, swallowing)
15	Noise injuries

Potential Severity Rating (PSR)

1	Negligible injuries
2	Minor injuries (singular or repetitive)
3	Major injuries

4	Fatal injuries
5	Multiple fatalities
6	Catastrophic fatalities

Definition	
Minor Injury	May require the application of routine first aid, leads to discomfort or minor illness
Major Injury	Requires hospital treatment, or is life threatening, or reportable under RIDDOR

Probable Likelihood Rating (PLR)

1	Highly improbable
2	Remotely possible
3	Occasionally
4	Fairly Frequent
5	Frequent or regular
6	Almost a certainty

PSR x PLR = Risk Factor (RF)