

# SKY'S THE LIMIT ENTERTAINMENT

## RISK ASSESSMENT - Surf Simulator

Revised: Revised: 27 March 2026 Author: R. Hanlon

Hazard	Risk	Existing Controls	Likelihood 1 - 5	Severity 1 - 5	Risk Score 1 - 5	Further Action
Surf Simulator	Danger of falling	This mechanical ride requires rider to fall / dismount. Riders must be able to mount the ride unaided and meet the minimum height required of 1.2mtrs (approx. 4 feet)	4	3	2	Crowd control may be required by an additional assistant supervisor
Surf Simulator	Danger of being struck by the ride	A responsible, trained person must operate ride at all times. Keyed "OFF" isolation switch used when ride unattended. Spectators must not lean on walls or stand near entrance.	1	1	1	None
Surf Simulator	Overloading	Responsible person to supervise at all times. Only one person is permitted to ride at any time. Maximum weight of user, 16 stones / 100kgs	2	2	1	None
Surf Simulator	Adverse weather	Equipment not to be used in high winds over 24mph (includes gusts) and during heavy rain. Marquee provided for light rain.	2	2	1	Quarantine unit from use or deflate until conditions improve
Surf Simulator	Injury from hard surfaces	Use on a grassed area using industry standard stakes Use approved thunder bolts on hard standing and use matting Use sand bags indoors and use matting	1	1	1	None
Surf Simulator	Injury from poor supervision	Responsible person to supervise at all times Do not use without adequate qualified supervision present	1	2	2	If event has a large attendance more supervisors should be supplied to assist
Surf Simulator	Tripping over anchor points / auxiliary equipment	Anchor points installed to manufactures guidance. Additional equipment stored away. Power cables to be positioned /covered appropriately	1	1	2	None
Surf Simulator	Injury through incorrect positioning	Equipment installed correctly in a safe position. Never attempt to reposition the unit	-	-	-	None
Surf Simulator	Choking	No foods / chewing gum / drinks allowed on the equipment	1	2	1	None
Surf Simulator	Third party injury	Remove shoes, eye glasses, jewellery, badges and lanyards. All drinking containers to be positioned away from play areas	2	2	2	None
Surf Simulator	Historical injury	No user should have a history of back or neck problems, have heart issues, is pregnant, is under the influence of drugs /drink or feeling unwell	1	2	1	None
Surf Simulator	Inflation with combustion engine/gennie	No Smoking. Spare fuel to be located in a locked store. Fencing installed around plant area.	1	2	1	None
Surf Simulator	Emergency	In the event of a serious injury do not move the individual and call First Aid / dial 999	1	2	1	None