

# Beaudesert Outdoor Activity Centre

# Caving Simulator Risk Assessment

What are the hazards?	Who might be harmed and how?	What are you already doing?	Do you need to do anything else to control this risk? By following this risk assessment, are the hazards & chances of someone being harmed adequately controlled?
What can cause harm?	harmed and how?	What are you doing to control hazards and the chance of someone getting hurt?	
		<b>See 'Generic Activity Risk Assessment'</b>	
Structural Failure of artificial system	Participants & Instructor	The cave structure must be checked by the Maintenance Manager on an annual basis. Periodic checks every two months. A daily pre-used check must be completed by the instructor running the session.	<b>Trivial</b> <i>if controls are followed</i>
Participants being accidentally locked inside the cave	Participants	There should be a roll call/head count at the start & end of the session.	<b>Trivial</b> <i>if controls are followed</i>
Slip Trips and Falls due to uneven ground and poor light.	Participants & Instructor	There will be a group briefing & torches will be used. Appropriate footwear to be worn. Participants briefed to go down ramps feet first. Helmets to be worn.	<b>Tolerable</b> <i>if controls are followed</i>
Cuts & bruises from crawling through the structure.	Participants & Instructor	Long trousers & long sleeves to be worn. Overalls can be provided if participants come unsuitably dressed.	<b>Trivial</b> <i>if controls are followed</i>
Bangs to the head due to low ceiling and possible falls	Participants & Instructor	The impact to any bang to the head will be low when crawling or walking into ceiling/walls. Suitable helmet to be worn as approved by Technical Adviser for this activity.	<b>Trivial</b> <i>if controls are followed</i>
Panic attacks, fear & entrapment including the need for an Emergency Action Plan	Participants	Instructors to be trained in managing incidents & first aid.	<b>Trivial</b> <i>if controls are followed</i>
		<b>Reviews Undertaken: Created Richard Irvine 29/4/2018</b> <b>Risk Assessment Approved by: Dan Farnsworth 13/05/2018</b> Reviewed Richard Irvine 3/12/2019 Reviewed Nigel Ruse 1/5/21; Michael Barrett 25/04/2022; Michael Barrett 01/03/2023	

		Potential severity of harm		
		Slightly Harmful 1	Harmful 2	Extremely Harmful 3
Likelihood of harm occurring	Highly unlikely 1	Trivial 1	Tolerable 2	Moderate 3
	Unlikely 2	Tolerable 2	Moderate 4	Substantial 6
	Likely 3	Moderate 3	Substantial 6	Intolerable 9

**Slightly harmful:** Superficial injuries; minor cuts and bruises; eye irritation from dust, nuisance and irritation (e.g. headaches); ill-health leading to temporary discomfort.

**Harmful:** Lacerations; burns; concussion; serious sprains; minor fractures, deafness; dermatitis; asthma; work related upper limb disorders; ill-health leading to permanent minor disability.

**Extremely harmful:** Amputations; major fractures; poisonings; multiple injuries; fatal injuries, occupational cancer; other severely life shortening diseases; acute fatal diseases