

## Bridge Building & Pioneering Risk Assessment

What are the hazards? What can cause harm?	Who might be harmed	What are you already doing? What are you doing to control hazards and the chance of someone getting hurt?	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?
		See 'Generic Activity Risk Assessment'	
Slips, trips and falls with equipment	Group & Instructor	Heavy, bulky equipment to be carried between two or more persons. Suitable footwear.	<b>Trivial</b> <i>if controls are followed</i>
Head injuries from contact with equipment	Group & Instructor	Care when handling equipment. Structure is secure before leaving it unattended to prevent it collapsing.	Trivial if controls are followed
Back/lifting injuries	Group & Instructor	Correct lifting procedure. Heavy or bulky equipment to be lifted by two or more persons, straight back and bent knees whilst lifting.	Trivial if controls are followed
Fingers, feet and other body parts trapped between or under poles.	Group & Instructor	Controlled by group leader. Close attention if more than one person working on same pole.	Trivial if controls are followed
Structures collapsing / Falls from height			Trivial if controls are followed

Reviews Undertaken: Reviewed by Hallam O'Shea – 06/06/2017 Richard Irvine 5/8/2018				
Risk Assessment Approved by: Richard Irvine	Date: 5/8/2018			

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