

RISK ASSESSMENT WCTRA S20

Repointing of Joints at Bridge 4

Wendover Canal	Repointing of joints at Bridge 4.	<i>All work to be carried out with accordance with the HSE Guidance Note HSG150.</i>
Work Location: Canal bed at Bridge 4	Operation: repointing brick joints at Bridge 4 RA Sheet No: 1 of 5	Date Task Starts: TBA

Likelihood (L):

1	EU	Extremely Unlikely
2	U	Unlikely
3	L	Likely
4	VL	Very Likely
5	AC	Almost Certain

Severity (S):

1	NM	Near Miss
2	Min	Minor injury, no time loss
3	>3d	Time off work more than 3 days
4	Maj	Major Injury
5	F	Fatal

Risk value = LxS

Risk Level High / Medium / Low

AC	5	10	15	20	25
VL	4	8	12	16	20
L	3	6	9	12	15
UL	2	4	6	8	10
EU	1	2	3	4	5
	NM	Min	>3D	Maj	F

No.	TASK	HAZARD	WHO IS EXPOSED AND HOW	RISK LEVEL				CONTROL MEASURES	NEW RISK LEVEL				FURTHER ACTION
				L	S	R	RL		L	S	R	RL	
1	General activities	Traffic	Volunteers, visitors, public. Impact injury from moving vehicles.	4	5	20	H	Ensure there is adequate space off road for people. Do not stand or work in road without traffic control. Wear Hi-viz clothing. Ensure members of the public do not enter the site.	1	5	5	M	



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				L	S	R V	RL		L	S	R V	RL	
2		Weather	Volunteers, visitors. Effects of heat & cold, precipitation.	4	1	4	M	Wear appropriate clothing to suit weather conditions. Take drinks and food as appropriate. In hot sunny weather wear long clothing and apply sunscreen as appropriate. Take plenty of drinks to keep hydrated. Establish a shelter for people.	1	1	1	L	Monitor weather conditions during the work day
3		Uneven ground	Volunteers, visitors, public. Slips, trips and falls.	4	2	8	M	Avoid vegetation and puddles that may hide changes in ground conditions. Wear appropriate footwear. Establish pedestrian routes. Ensure public routes are not disturbed.	1	2	2	L	
4		Public	Volunteers. Aggressive behaviour	2	4	8	M	Do not congregate on public routes. Do not store materials or equipment on public routes. When dealing with aggression from members of the public, avoid confrontation.	1	4	4	M	
5		Public	Public. Injury from activities of volunteers.	3	3	9	M	Place warning signs advising of work. Use banksman to stop work/public when necessary. Keep footway clear of materials and equipment.	1	3	3	L	Supervise activities to avoid conflict.



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				L	S	R	RL		L	S	R	RL	
6		Heavy loads	Volunteers. Musculoskeletal injury	3	3	9	M	Do not lift items beyond your capacity. Use correct manual handling techniques. Use multi-person lift where necessary. Train volunteers in correct manual handling techniques. Use trolleys and barrows to move tools and equipment.	1	3	3	L	Supervise volunteers
7	Access to canal bed	Fall	Volunteers. Impact injury from falling.	3	4	12	H	Establish point of entry. Set up access ladder and secure ladder in place. Provide edge protection other than access point.	1	4	4	M	
8		Uneven ground	Volunteers. Slips trips and falls.	3	3	9	M	Keep work area clear of tools and materials. Wear appropriate footwear.	1	3	3	L	Monitor work area for obstructions.
9		Water	Volunteers. Leptospirosis.	3	5	15	H	Avoid contact with standing water. Wash hands before eating, drinking or smoking. Provide instruction and warning cards to volunteers.	1	5	5	M	If any volunteers suffers flu like symptoms advise them to see their GP and let the GP know of work conditions.
10	Cleaning joints	Hand tools	Volunteers. Cuts and abrasions.	3	3	9	M	Use the right tool for the job. Keep hands and fingers away from sharp edges. Wear gloves.	1	3	3	L	Supervise volunteers when using tools.
11		Hand tools	Volunteers. Musculoskeletal injury.	3	3	9	M	Use the right tool for the job. Take regular breaks to avoid fatigue. Share task to avoid repetitive injury.	1	3	3	L	Supervise work to ensure breaks are taken.



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				L	S	R V	RL		L	S	R V	RL	
12	Setting up the mixer	Mixer	Volunteers. Manual handling injury.	3	2	6	M	Only use volunteers capable of lifting the load. Avoid stretching and twisting when positioning the mixer. Place the mixer close to the materials.	1	2	2	L	
13		Mixer	Volunteers. Entrapment, impact injury	3	2	6	M	Set the mixer up on a level surface. Keep hands and fingers away from where they can be trapped.	1	2	2	L	
14	Mixing mortar	Lime mortar.	Volunteers. Skin and eye irritation	4	3	12	H	Train volunteers how to mix materials. Provide COSHH assessment. Wear eye protection, long sleeves and gloves. Do not stand in front of mixer drum when splashes are likely. Avoid contact with cement / lime	1	3	3	L	
15		Lime and sand dust	Volunteers, public. Respiratory problems	4	4	16	H	Site mixer in designated area away from other activities and public. Provide screens in windy conditions. Place materials in mixer drum in a controlled manner. Wear dust masks Provide training in use of dust masks	1	4	4	M	Monitor wind conditions
16		Wash water	Environment. Pollution	4	2	8	M	Collect wash water from mixer. Allow solids to settle before disposing of water. Dig pit on site for disposal of solids and liquid.	1	2	2	L	




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				L	S	R	RL		L	S	R	RL	
17		Lime / sand. Emptying full mixer	Volunteers. Manual handling injury	3	3	9	M	Place materials close to mixer to reduce travel distance. Avoid excessive twisting and lifting. Take regular breaks to avoid fatigue. Training in correct use of mixer and control during emptying.	1	3	3	L	Monitor volunteers for signs of fatigue.
18		Mixer / spade	Volunteers. Impact and entrapment from spade catching inside the mixer drum	3	2	6	M	Training in correct use of mixer. Do not allow the spade to enter the mixer drum during operation.	1	2	2	L	
19	Repairing joints	Lime mortar	Volunteers. Skin and eye irritation.	3	3	9	M	Avoid contact with skin. Avoid splashing mortar on spot boards. Follow COSHH assessment. Wear gloves and eye protection.	1	3	3	L	Have eye wash available.
20		Sealant	Volunteers. Musculoskeletal injury.	3	3	9	M	Instruct volunteers in the use of the sealant gun. Take regular breaks to avoid fatigue. Share task to avoid repetitive injury.	1	3	3	L	
21		Sealant and primer	Volunteers. Skin and eye irritation.	3	3	9	M	Avoid contact with eyes and skin. Follow COSHH assessment. Wear gloves and eye protection.	1	3	3	L	Have eye wash available

CAN THE JOB PROCEED?	<i>(Tick one box)</i>	<input type="checkbox"/>	Safe using existing control measures
		<input checked="" type="checkbox"/>	Safe using existing + additional control measures
		<input type="checkbox"/>	Not safe to proceed



WENDOVER CANAL TRUST

ARE THERE ANY LONG-TERM CONTROLS?		Carry out a dynamic Risk Assessment when you arrive on site and adapt the Risk Assessment to suit any changes that may have occurred, particularly weather conditions.	
ASSESSED BY:	Name: M Bradley	Name (signed) M Bradley	Date: 1 st November 2023
AUTHORISED BY:	Name (Printed) Mike Wright Health & Safety Coordinator	Name (Signed) <input checked="" type="checkbox"/> Recoverable Signature X 	Date: 8 th November 2023

Signed by: Mike Wright signature