

Task/Activity: RA21 Repairing, Replacing, Installing new Manholes	Date assessment completed: 31/1/2023	Review Date: 31/1/2026
Brief Details of Task/Activity Repairing, Replacing, Installing new gully Manholes, chambers, silt traps etc	Assessment completed by: Sean Croudace	Signature:

What are the hazards? e.g. slip/trip hazards, electricity, manual handling, work equipment	Who might be harmed and how? e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...	What are you already doing to control the hazard?	What further action or additional controls are required (if necessary)	Risk rating (after control measures)	Action by who	Action by when	Date completed
Working near live traffic. / R.T.C with other road users.	Employees and the public. Collision with traffic, Slips, trips, and falls.	<p>Traffic management controls to Chapter 8.</p> <p>Correct PPE to be worn (SEE PPE LIST 1)</p> <p>Regular servicing and daily safety checks carried out by the user on all machinery and all faults are to be reported immediately and replaced/repared as necessary.</p> <p>Operators to have a safe working area, and correct training.</p> <p>Qualified persons only to use equipment.</p> <p>Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.</p> <p>Eyewash available on all sites</p>	<p>Maintain operative/supervisor NRASWA/City and Guilds Chapter 8 Signing and Guarding training.</p> <p>Ensure PPE is being worn as advised and replace as necessary.</p>	E			

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		replenished as necessary					
Manual handling, bending, twisting and lifting.	Employees Musculoskeletal injuries, sprains, strains.	Operatives to have Manual Handling training (SEE MANUAL HANDLING GUIDANCE LIST 1 and manual handling risk assessment RA05) Suitable P.P.E to be worn at all times. (SEE PPE LIST 1)	All operatives to have undertaken mandatory Manual Handling training. Ensure PPE is being worn as advised and replace as necessary.	D			
Engine heat, noise, silica dust fumes. Moving parts, vibration of equipment, compressed air.	Employees and the public. Cuts, Bruises, burns, trapped/crushed limbs, breathing problems. Hearing loss/impairment Hand arm vibration. (H.A.Vs)	Plant to be maintained by competent person ensure pre-use checks and inspections are carried out before use. Correct training. Suitable P.P.E to be worn at all times. (SEE PPE LIST 1) Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.	Face fit testing undertaken at the prescribed intervals for all employees Ensure PPE is being worn as advised and replace as necessary.	E			

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		<p>Eyewash available on all sites replenished as necessary.</p> <p>Monitor operative noise exposure levels and annual audiometry testing via OHU</p> <p>Turn off machinery when not being used.</p> <p>All machinery faults are to be reported immediately and machinery replaced/repared as necessary.</p> <p>Vary work types when possible to reduce repetitiveness. Operatives to follow correct HAVS arrangements. (SEE HAVS VALUES LIST 1 and vibration risk assessment RA01)</p> <p>Monitor operative vibration exposure levels and annual assessment via OHU</p>					
Working with cementitious materials	<p>Employees</p> <p>Burns, dermatitis, skin irritation from cement</p>	<p>Correct PPE issued and use monitored, (SEE PPE LIST 1),</p> <p>Refer to COSHH data sheet.</p> <p>Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.</p> <p>Eyewash available on all sites replenished as necessary.</p>	Ensure PPE is being worn as advised and replace as necessary.	E			

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Manual handling, bending, twisting and lifting. Shape, size and weight of cover slabs manhole rings, manhole covers, pipes etc	Employees Musculoskeletal injuries, sprains, strains.	Operatives to have Manual Handling training (SEE MANUAL HANDLING GUIDANCE LIST 1 and manual handling risk assessment RA05) Suitable P.P.E to be worn at all times. (SEE PPE LIST 1) Operatives to have personal first aid kit on site which is up to date and replenished by supervisor as necessary.	All operatives to have undertaken mandatory Manual Handling training. Ensure PPE is being worn as advised and replace as necessary.	D			
Climate and environmental conditions	Employees Climate induced injuries. Injuries from falls, slips and trips (ground conditions.)	Only trained and competent operators to carry out activity. Correct PPE issued and use monitored (SEE PPE LIST 1)	Ensure PPE is being worn as advised and replace as necessary.	E			

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e.g. slip/trip hazards, electricity, manual handling, work equipment	e.g. staff, service users, visitors etc... and likely injury e.g. bruises, muscle strain, fracture, poisoning etc...						
<p>Infection or disease from biological and other contaminants.</p> <p>Hydraulic oils, diesel fuel, hydrocarbons</p>	<p>Employees</p> <p>Diseases including hepatitis, tetanus, needle stick injuries</p> <p>Dermatitis and skin disorders.</p> <p>Leptospirosis</p>	<p>Correct PPE issued and use monitored, (SEE PPE LIST 1)</p> <p>Operatives trained in handling sharps.</p> <p>All gully cleaning operatives are to have vaccination protection, see AGMA list of inoculations refer to Guidance on Occupational Immunisations for Local Authority Workers.</p> <p>Operatives to have personal first aid kit on site which is up to date and replenished as necessary.</p> <p>Operatives to carry Leptospirosis cards and to inform any medical personnel of the possibility of contact with rats and Leptospirosis</p> <p>‘Service washed’ overalls for all drainage employees</p>	<p>Ensure PPE is being worn as advised and replace as necessary.</p> <p>All new starters to have undertaken Sharps Handling training prior to commencing any drainage work.</p> <p>Leptospirosis awareness toolbox talks.</p>				

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Working in confined spaces	<p>Employees</p> <p>Poisonous gases, slips, trips and falls.</p> <p>Heavy objects</p>	<p>See confined space risk assessment</p> <p>Only trained operatives to enter confined space, gas detectors to be used barriers in place to prevent falls.</p> <p>Operatives must not enter or work inside confined space unless they are specifically skilled, trained and certified in accordance with the Confined Spaces Regulations, 1997.</p> <p>Gas monitoring equipment calibrated bi-annually and used in every confined space.</p> <p>Only confined spaces, manhole entry breathing apparatus, resuscitation and first aid trained operatives to enter confined spaces.</p> <p>Escape sets and rescue tripod and winch on site during confined space entry operations - LOLER inspected every six months</p>	<p>Maintain operatives/supervisors confined space training.</p> <p>Ensure PPE is being worn as advised and replace as necessary.</p>				

CATEGORIES OF LIKELIHOOD	
Highly Likely	Expected to happen/reoccur, possibly frequently.
Possible	Might happen/reoccur at some time depends on circumstances.
Unlikely	Not expected to happen/reoccur but possible in certain circumstances.
Very Unlikely	Would only occur in very exceptional circumstances.

CATEGORIES OF CONSEQUENCE SEVERITY	
Catastrophic	Incident could result in <u>one or more fatalities</u> .
Major	Major injury resulting in incapacity, hospitalisation >24 hours.
Significant	Injury requires attention of a Doctor or Hospital treatment or hospitalisation <24 hours.
Minor	Small cut, bruise, abrasion, basic first aid treatment provided.
Negligible	Some discomfort, self help. No treatment required.

RISK RATING				
	Highly Likely	Possible	Unlikely	Very Unlikely
Catastrophic	A	A	B	E
Major	A	B	C	E
Significant	B	C	D	E
Minor	C	D	E	E
Negligible	E	E	E	E

RISK CLASSIFICATIONS	
A	Unacceptable risk , requires immediate attention. Work <u>should not be started or continued</u> until the level of risk has been reduced.
B	High risk , requires immediate attention. Control measures must be identified and put into place as soon as possible.
C	Medium risk , requires attention as soon as possible. The risk should be only be tolerated in the short term and only when further control measures are being planned and introduced, Timescales must be short.
D	Low risks , confirm that there are no low/no cost solutions which may eliminate/ reduce the risk further.
E	Trivial risk , no further action required but review at regular intervals to ensure controls remain effective.