

Accelerated Drain Services
UNIT 95 WATERSIDE CLOSE
BARKING
ESSEX
IG11 9EL
Tel: 0800 955 7242
E: info@london-drainage.co.uk



Generic Method Statement for Drainage Electromechanical works

It is the policy of Accelerated Drainage Services that this Method & Risk Assessment must be reviewed and signed prior to commencing work as required by The Health and Safety at Work etc. 1974 and subsequent regulations.

Prepared by: MD Services
Reviewed By: M. Beattie

Consultant
Director

Date: 27/10/2021
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Introduction into standard Milling works: Milling works are works using a high speed high torque rotating machine these will take place on the main SVP servicing the WC's or sinks on each floor level. The Renssi Milling machine with chain cleaners will be employed to clear and clean the vertical SVP working from the lowest rodding point and working up the stack.

Only fully certified operatives will be using the milling machines and associated tools. 110V power supply will be used to power the machinery. The works are to be carried out outside normal working hours for health and safety reasons. All site safety procedures will be observed during the cleaning process.

**At all time's a copy of the safety manual will be kept on site and procedures of use will be adhered to.
A copy of this has been provided.**

Scope of Works

1. Purpose

Clearing drains using electromechanical machines.

2. Location

Various

3. Drawings / Photographs

As supplied by Client

4. Rodents

The drainage system **may** have to be jetted through and sanitised before the survey can progress if there's any siting of rodent activity, (please see Risk Assessment regarding the risks of avoiding catching Leptospirosis (Weil's Disease).

5. Personnel

2 x Trained and certified personnel (certification available on request)

2 men on site is **mandatory** on all Central London operations. These include High-Pressure Water Jetting, the use of rotary machinery (electromechanical) and CCTV surveys at all times for safety of our staff, members of the public and any work force working around us.

6. Plant, Equipment

- 1 x Electromechanical machine (milling type) (Pat tested)
- 1 x Selection of hand tools
- 1 x Isolation Transformer (pat tested)
- 1 x Mobile CCTV unit

7. Welfare Arrangements

Work breaks for meals, toilet etc. are as per Accelerated Drain Services conditions, and comply with the requirements of the Health & Safety at Work Act 1974. As there are no welfare facilities on site all vehicles have supplies of masks and hand sanitiser as described in **appendix 1 section 7** use the following website - <https://www.toiletmapp.org.uk/> for public restrooms unless working for business clients who have a duty to provide facilities.

8. Procedure

The following steps are to ensure a safe work system for **Personnel** and **Public** at all times.

The controls have been selected to protect the Health and Safety of operatives and others that may be affected by the work. The controls have been designed to protect against the risks recorded on Risk Assessment. This general guidance should only be used when it is appropriate to specific site conditions. APPENDIX 1 has to be complied with and signed off before any works can commence during the COVID-19 pandemic.

- 8.1 All work carried out will be by as per associated Risk Assessment RAADSCCTVGEN27102021-1.
- 8.2 Toolbox Talks are required to be had with operatives involved regarding the site conditions.
- 8.3 Obtain permit to work (where required).
- 8.4 Don appropriate PPE for prescribed works your full 5-point PPE as prescribed in section 12.
- 8.5 Barrier off the working area, always position warning signs in prominent positions.
- 8.6 Operatives are required to allow plenty of room within the barriered zone for movement and works.
- 8.7 The machinery will be set up at the lowest rodding point which will be removed to allow access to the internal area of the SVP.
- 8.8 Operatives in the following line of sight.
1 x operative directing and controlling machine with foot pedal
1 x operative safety watch
- 8.9 The machine will be fitted with cutting chains which are specifically designed for descaling, the rotation of these chains against the inner wall of the pipework will break up the scale turning it into a powder type residue which will then be flushed away.
- 8.10 Once the lower section of the SVP has been descaled to our satisfaction and we have completed a visual inspection of the internal pipework (using CCTV system) the machine will be moved up to the next rodding eye point higher up the SVP and the process is repeated.
- 8.11 Once we have reached the highest point of the works SVP we will send the machine cable with chain cutter down the full length of the SVP for a final overall clearance which will be followed by a CCTV survey of the entire SVP from the rodding highest point to the connection with the main drains (private boundary)
- 8.12 When carrying out CCTV inspection the following procedures will be followed

CCTV Procedures

- 8.13 Set up the camera unit, use the battery power to avoid trailing leads where possible if not follow good housekeeping procedures, the picture quality **MUST** be perfect before the survey begins.
- 8.14 operatives in the following line of sight
1 x operative directing CCTV GRP rod
1 x operative at control unit
- 8.15 Depending on the internal configuration, stand as if your facing downstream and work in a clockwise direction starting at 12 O'clock,
- 8.16 Only use 1 page per section of drain for reference.
- 8.17 Push the camera up each drain run going upstream,
- 8.19 Always mark EVERY defect encountered,
- 8.20 Once the survey has been completed for that particular chamber, reseal any removed SVP access plates.
- 8.21 Pack away equipment and barriers then move to your next destination, repeat and follow the above procedure from 8.5 to 8.21.
- 8.22 On completion, all work area will be tidied to client's satisfaction.
- 7.23 Permit to be signed off & client sign of job sheet to acknowledge work meets requirement.

8. Interface with Others

Director **Martin Beattie 07890612480** will liaison with Client on satisfactory safety procedures & work satisfaction.

9. Adverse weather conditions

Follow procedures, drains must not be capped off during heavy rains in-case this causes flooding elsewhere which may cause back surges, **DO NOT** enter the chambers/ pits and or manholes during heavy rains.

10. Emergency and First Aid

To be fully explained during the site inductions, site rules will apply. Emergency, First Aid Procedures and Accident Investigation are as per Accelerated Drain Services Safety, Health and Environment Procedures.

11. Training

Before starting off the job, personnel involved will be notified by Management of this assessment and the precautions required.

12. P. P.E.



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As a minimum the P.P.E. requirement for this task are:

- | | | | |
|----|--------------------------------|----|--------------------|
| 1/ | High Vis vest EN ISO 20471 | 2/ | Gloves BS EN-388 |
| 3/ | Safety Boots EN ISO 20345:2011 | 4/ | Hard Hat BS EN 397 |
| 5/ | Goggles DIN EN 166 | 6/ | Overalls EN 343. |



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Operator Signature

Print name

Date



APPENDIX 1

Before any works can start the 'Risk Check Sheet' must be completed and any yes answers require further controls completed & signed.

1.0 Introduction

Any sites operating during the Coronavirus Covid-19 pandemic need to ensure they are protecting their workforce and minimising the risk of spread of infection.

This guidance is intended to introduce consistent measures on sites of all sizes in line with the Government's recommendations on social distancing.

These are exceptional circumstances and the industry must comply with the latest Government advice on Coronavirus at all times.

The health and safety requirements of any construction activity must also not be compromised at this time. If an activity cannot be undertaken safely due to a lack of suitably qualified personnel being available or social distancing being implemented, it should not take place.

We are aware that emergency services are also under great pressure and may not be in a position to respond as quickly as usual.

Employers and sites should remind the workforce at every opportunity of the Site Operating Procedures which are aimed at protecting them, their colleagues, their families and the UK population.

If a site is not consistently implementing the measures set out below, it may be required to shut down.

2.0 Traveling to Site

Wherever possible workers should travel to site alone using their own transport and we would expect sites to consider:

- Parking arrangements for additional cars and bicycles
- Other means of transport to avoid public transport e.g. cycling
- Providing hand cleaning facilities at entrances and exits. This should be soap and water wherever possible or hand sanitiser if water is not available
- How someone taken ill would get home.

For our operatives who rely on a driver both the driver and worker are required to wear a Type IIr disposable face mask, wipe down overalls and use antibacterial wipes at every opportunity whilst in the vehicle.

Drivers will not change any vehicles which they are driving unless the vehicle is:

- Not road worthy and will breach the road transport regulations
- The vehicle is faulty and justifiably in breach of the road transport regulations

3.0 Self-Isolation

Any Operative who meets one of the following criteria should not come to work or attend any Accelerated Drain Services site:

- Has a high temperature or a new persistent cough - follow the guidance on self-isolation
- Is a vulnerable person (by virtue of their age, underlying health condition, clinical condition)

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- Is living with someone in self-isolation or a vulnerable person.

3.0 Procedure if Someone Falls Ill

If an operative develops a high temperature or a persistent cough while at work, they should:

- Return home immediately
- Avoid touching anything
- Cough or sneeze into a tissue and put it in a bin, or if they do not have tissues, cough and sneeze into the crook of their elbow.

They must then follow the guidance on self-isolation and not return to work until their period of self-isolation has been completed.

5.0 Site Access Points

Accelerated Drain Services will not attend any site other than for emergency works or Pre Planned Emergency works.

We would expect the site to have in place the following protocol: -

- No non-essential visitors to works areas permitted
- Introduce staggered start and finish times to reduce congestion and contact at all times
- Monitor work area access points to enable social distancing – you may need to change the number of access points, either increase to reduce congestion or decrease to enable monitoring.
- Not to use any entry systems that require skin contact e.g. fingerprint scanners
- Require all workers to wash or clean their hands before entering or leaving the site
- Allow plenty of space (two metres) between people waiting to enter site
- Regularly clean common contact surfaces in reception, office, access control and delivery areas e.g. scanners, turnstiles, screens, telephone handsets, desks, particularly during peak flow times
- Only Accelerated Drain Services Employees are allowed to be in attendance at site inductions and wherever possible these should be held outdoors
- Drivers should remain in their vehicles if the load will allow it and must wash or clean their hands before unloading goods and materials.

6.0 Hand Washing

As the works do not have any welfare facilities being supplied by the client all vehicles contain ample amounts of hand sanitizer etc and the following has to be adhered to.

- Regularly clean hands and check sanitiser levels, where required top up.

7.0 Toilet Facilities

The following procedures have to be adhered to whilst using public toilets – which can be found using <https://www.toiletmap.org.uk/>

- Restrict the number of people using toilet facilities at any one time
- Wash hands before and after using the facilities

8.0 Canteens and Eating Arrangements

Whilst there is a requirement for any site to provide a means of heating food and making hot drinks, these are exceptional circumstances.

Workforce are required to stay on site once they have entered it and not use local shops.

- Dedicated eating areas should be identified on site to reduce food waste and contamination (vehicle during this situation).
- Break times should be staggered to reduce congestion and contact at all times
- Hand cleaning facilities or hand sanitiser should be used before eating.
- The workforce should be asked to bring pre-prepared meals and refillable drinking bottles from home
- All rubbish should be put straight in a bin and not left for someone else to clear up
- All areas used for eating must be thoroughly cleaned at the end of each break and shift, including seats, dashboard etc..

9.0 Changing Facilities, Showers and Drying Rooms

10.0 Avoiding Close Working

There will be situations where it is not possible or safe for workers to distance themselves from each other by 2 metres.

General Principles

- Non-essential physical work that requires close contact between workers should not be carried out
- Work requiring skin to skin contact should not be carried out
- Plan all other work to minimise contact between workers
- Re-usable PPE should be thoroughly cleaned after use and not shared between workers
- Single use PPE should be disposed of so that it cannot be reused (type IIr 3 ply masks and gloves)
- Stairs should be used in preference to lifts or hoists
- Where lifts or hoists must be used:
 - Lower their capacity to reduce congestion and contact at all times
 - Regularly clean touchpoints, doors, buttons etc.
 - Increase ventilation in enclosed spaces

Site Meetings

- Only absolutely necessary meeting participants should attend
- Attendees should be two metres apart from each other
- Rooms should be well ventilated / windows opened to allow fresh air circulation
- Consider holding meetings in open areas where possible.

11. Cleaning

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- Enhanced cleaning procedures should be in place across the site, particularly in communal areas and at
- touch points including:
- Door handles and push plates
- Lift and hoist controls
- Machinery and equipment controls



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Risk Check Sheet

Are We At Risk From ?	YES / NO	Action to Control / Remove Risk
Are any Accelerated Employees showing signs of COVID 19	YES / NO	If yes leave site and self-isolate
Are any persons on site showing signs of COVID 19	YES / NO	If yes leave site
Falling from Height	YES / NO	
Slipping or tripping	YES / NO	
Any overhead working	YES / NO	
Traffic nearby	YES / NO	
Moving parts	YES / NO	
Incorrect tools used	YES / NO	
High Pressure water/air/steam	YES / NO	
Manual Handling methods	YES / NO	
Cramped conditions	YES / NO	
Poor access / egress	YES / NO	
Airborne particles	YES / NO	
Poor visibility	YES / NO	
Adjacent hot pipe work	YES / NO	
Electrocution	YES / NO	
Drowning	YES / NO	
Noise	YES / NO	
Vibration	YES / NO	
Radiography	YES / NO	
Poorly secured loads	YES / NO	
Confined space	YES / NO	
Suffocation	YES / NO	
Risk of not being able to keep 2 mtr social distance	YES / NO	
Any other RISKS	YES / NO	
<ul style="list-style-type: none"> All YES answers must have an action to Control or Remove the Risk 		
Do you know where	YES / NO	LOCATION
The nearest telephone is ?	YES / NO	
The nearest safety shower is ?	YES / NO	
The nearest Fire Extinguisher is ?	YES / NO	
Fire alarm pull point ?	YES / NO	
The nearest Muster point?	YES / NO	
Does this work require	YES / NO	Certificate No / Training Date
Specialist certification / Training ?	YES / NO	
Pre discussions ?	YES / NO	
Practical training ?	YES / NO	

DO NOT START the work and report to the Client and Martin Beattie (ADS Director), if you believe the **RISK to SAFELY** carry out the work described is **UNACCEPTABLE**.

Signatures Operatives:
