

Vantage Drain Services
20 Grove Crescent Luddendenfoot
Halifax
HX2 6NP
www.vantagedrainservices.co.uk
0800 001 6203

Generic Method Statement for Drainage CCTV works



It is the policy of Vantage Drain 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. Act 1974 and subsequent regulation.

Prepared by: M D Services
Reviewed By: : J. Russell

Consultant
Director

Date:05/07/2022
Date:05/07/2022

Introduction into standard Jetting works: Discharge pressures can be from 1,000 psi (70 bar) to 4,000 psi (280 bar). At these pressures, the High Pressure Water Jet will penetrate the skin (100psi or 7 bar is more than suffice to do this under appropriate conditions) and enter the bloodstream, carrying dirt on the skin with penetration into the bone possibly causing deflection. It has been recognised that High Pressure Water Jetting techniques being used appropriately are the safest, economically friendliest and efficient ways of cleaning drains as long as they are carried out safely.

Scope of Works

1. Purpose

Clearing drains using High Pressure Water Jetting Machines.

2. Location

Various

3. Drawings / Photographs

As supplied by Client

4. Rodents

The drainage system **may** have to be 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

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

6. Plant, Equipment

1 x High Pressure Water Jetting Machine
1 x Selection of jets (back jets, combination, plough, specialist rotating etc)
1 x CCTV unit where required
1 x tigers tail or hose protector
1 x selection of hand tools

7. Welfare Arrangements

Work breaks for meals, toilet etc. are as per Vantage Drain Services conditions, and comply with the requirements of the Health & Safety at Work Act 1974. If there is no welfare facilities on site 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..

- 8.1 All work carried out will be by as per linked Risk Assessment RAVDSHPWJ050722-1.
- 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 Before Use the following checks have to be carried out
 - i. Make sure you know how to use the equipment - read manufacturers' instructions
 - ii. Make sure equipment is in good condition (no frayed or damaged hoses in compliance to BS EN 1829-2 etc)
 - iii. Make sure any guards/covers are in place
- 8.7 Start at the manhole inspection chambers thought to be the infall (manhole leading to blockage).
- 8.8 Assess the manhole cover lid, remember manual handling techniques as trained. Break the seal and if the seal is too tight adopt 2 man working adhering to COVID-19 procedures.
- 8.9 operatives in the following line of sight
 - 1 x operative directing CCTV GRP rod
 - 1 x operative at control unit
- 8.10 Work upstream to the blockage
- 8.11 CHECK FOR RODENT ACTIVITY, then follow the correct additional procedure.
- 8.12 Where required sanitise the chamber.
- 8.13 Place jetting hose in affected drain with hose protector and work gradually towards the blockage increasing the pressure as required (never use maximum pressure unless the blockage requires and the host pipe can handle it).
- 8.14 when blockage has been reached twist and retract hose as required to clear or pop blockage.
- 8.15 once blockage has been cleared try to determine cause and take photo to evidence it.
- 8.16 where required carry out CCTV survey to determine cause or structural damage of drain.
- 8.17 When works complete Reinstall the manhole cover lid and make sure the lid is not sitting proud, screw down correctly if required, leave the working area as you have found **it if not better**.
- 8.18 Pack away equipment and barriers then move to your next destination, repeat and follow the above procedure from 8.5 to 8.18.
- 8.19 On completion, all work area will be tidied to client's satisfaction.
- 8.20 Permit to be signed off & client sign of job sheet to acknowledge work meets requirement.

8. Interface with Others

Director Jonathan Russell will liaison with Client on satisfactory safety procedures & work satisfaction.

9. Manhole Accesses

All working areas are to be barriered off, open manhole covers MUST be barriered off at all times and NEVER left unattended even if the area is closed off, laying electrical leads are to be trailed above head height or trailed along the base of a wall and tapered around door frames to avoid any unnecessary trip hazards, warning signs must be placed where they can be seen.

10. 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.

11. 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 Vantage Drain Services Safety, Health and Environment Procedures.

12. Training

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

11. P. P.E.



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/	Full Face Visor EN166 B	6/	Overalls EN 343.

Vantage Drain Services
20 Grove Crescent Luddendenfoot
Halifax
HX2 6NP
www.vantagedrainservices.co.uk
0800 001 6203



Operator Signature

Print name

Date

Risk Check Sheet

Are We At Risk From ?	YES / NO	Action to Control / Remove Risk
Are any Vantage 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	

If you believe the **RISK to SAFELY** carry out the work described is **UNACCEPTABLE, DO NOT START** the work and report to the Client and Jonathan Russell (VDS Director),
Signatures Operatives:
