



CCTV Generic High Pressure Water Jetting (HPWJ) Ref: RAHPWJ27102021-1				Initial Risk			Activity/Topic: CCTV Surveying			Residual Risk		
	Task Description	Significant Hazards	Who Might Be Harmed and How?	Likelihood	Severity	Risk Rating	Existing Controls	Additional Action Required	Action by When and Whom?	Likelihood	Severity	Risk Rating
1	HPWJ Unblocking drains using hoses	Tripping hazards from hoses	The engineer, customer or members of public via the occurrence of slips, trips and falls	2	4	8	Work zone to be organised in a manner that reduces tripping hazards from hoses. Keep hoses together and use visual sign (tripping hazard where required). Eliminate all tripping possibilities in the work zone in close proximity to open chambers and roadways. Keep hoses secure behind barriers/cones where third party interaction is expected. Good housekeeping procedures have to be met.	None	None	1	4	4
2	HPWJ Contraction of known diseases	Ill-health, such as Gastroenteritis, Leptospirosis, HIV, hepatitis etc	The engineer via exposure to sewage	2	4	8	A high standard of personal hygiene is to be practiced by all HPWJ engineers. This includes frequent washing of hands no exposed skin permitted. Particularly before eating, drinking or smoking Anti-bacterial wipes and hand gels have	None	None	1	4	4



							to be used and are issued to all vans. Wash down equipment regularly after use to remove contamination residues. Cover all exposed cuts to skin with clean dressings. Carry a Leptospirosis card and report any early symptoms to your GP.					
3	HPWJ Guiding HP hose	Slippery surfaces around manhole chamber	The engineer, customer or members of public via the occurrence of slips, trips and falls	2	3	6	Anti-slip safety footwear will be worn. Excess spillages around the chamber will be kept to a minimum throughout the task. Spill kit located on vehicle for excessive contamination of ground conditions.	None	None	1	3	3
4	HPWJ Guiding HP hose	Manual handling of HP hose and equipment or manhole lids	The engineer via exposure to manual handling activities	4	3	12	In instances equipment requires to be lifted Task Individual, Load and Environment (TILE) has to be considered. Operatives are only permitted to manoeuvre weights which they deem suffice to do so. THE CUSTOMER MUST NOT BE ASKED TO LIFT THEMSELVES OR ASSIST IN COVER LIFTING. Avoid over-	ALL businesses to confirm that recognised and approved manhole lifting equipment is available on vehicles.	Field Operations	2	3	6



							reaching into vehicle when loading/unloading. Store on the vehicle in a manner that helps eliminate the need for stooping, twisting and overhead reaching.					
5	HPWJ Clearing Blockages	Contact with sewage and potential for cuts and abrasions	The engineer via exposure to the hazard	4	3	12	ALL HPWJ engineers will wear the following PPE on task when interacting with the equipment - Safety Helmet with chin strap, Boiler suit /Wet Suit, Ruff n Tuff type gloves (black), Full face visor or safety glasses, Safety Footwear (sole & toes protection).	None	None	2	3	6
6	HPWJ Working at height	Fall from height	Engineer	3	5	15	Engineers are required to barrier of manholes and ensure working at height regulations are adhered to. Barriers are of type when fall occurs they collapse and cover entry point. Barriers are 4 sectional utility type	Deep manhole chambers require additional protection harness, tripod and winch when working over or near.	none	1	5	5
7	HPWJ Jetting of drains	Failure of equipment	Engineer/ public	4	5	20	All equipment has to be inspected adhering to the manufacturer recommendations. All hoses are required to be inspected before use in line with BS EN 1829-2. Where hoses are seen to be damaged they have to	Check sheet has to be completed	None	2	5	10



							be removed from service and returned to the yard for responsible disposal.					
8	HPWJ Operations	Untrained engineers	Engineer/ public	5	5	25	All operatives at time of employment have to prove competence by providing current in date certificate recognised by the industry. All training has to be reviewed on a rolling basis and any training required has to be carried out in a timely fashion. Untrained operatives are not permitted to use HPWJ equipment or aid in jetting works.	Review to be carried out periodically	Director	1	5	5
9	COVID-19	Contraction of virus	Engineer/ public	4	4	16	Social Distancing has to be met during working (2mtrs) this includes interaction with residents and clients known or unknown. Only. Due to the access being used no definitive database of infected communal areas they are required to wear COVID – 19 PPE type 11r 3ply masks, disposable aprons or disposable coveralls,	none	none	1	4	4



Risk Rating		Likelihood of Occurrence					Action Required
		1: Unlikely 1	2: Possible 2	3: Quite Possible 3	4: Likely 4	5: Very Likely 5	
Hazard Severity	1: None or very minor injury	1 = Low	2 = Low	3 = Low	4 = Low	5 = Low	Low: No immediate action required.
	2: Minimal Injury-first aid needed	2 = Low	4 = Low	6 = Low	8 = Medium	10 = Medium	Medium: Actions required to reduce risks
	3: Serious injury with lost time	3 = Low	6 = Low	9 = Medium	12 = High	15 = High	
	4: Major injury or RIDDOR	4 = Low	8 = Medium	12 = High	16 = High	20 = High	High: Actions required urgently to reduce risk. Consideration to be given to cessation of activity until risks are reduced.
	5: Permanent disability or fatality	5 = Low	10 = Medium	15 = High	20 = High	25 = High	

Document	Name	Date	Revision
Created by	MD Services	27/10/2021	Rev:02
Reviewed by	Martin Beattie	27/10/2021	Rev:02