

Drainage Works RA 022

Consequence	5	10	15	20	25
	4	8	12	16	20
	3	6	9	12	15
	2	4	6	8	10
	1	2	3	4	5
Likelihood					

- Unacceptable – Stop activity
- Adequate – Monitor for continual compliance
- Acceptable – No further action / monitor

Risk Assessment:	022 Drainage Works
Assessors Name:	Gabriela Balint
Signature:	<i>Gabriela Balint</i>
Date:	January 2022
Review:	January 2023

Location:

Likelihood	1 = Very unlikely	2 = Unlikely	3 = Fairly likely	4 = Likely	5 = Very likely
Consequence	1 = Insignificant	2 = Minor	3 = Moderate	4 = Major	5 = Catastrophic

Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Manual handling	Operatives undertaking manual handling tasks at risk of musculoskeletal injuries.	5	4	20	All persons are trained in manual handling and follow training and instruction given including use of Task, individual, load and environment (TILE) methodology. Use of impervious gloves / gauntlets Personnel are instructed to use mechanical assistance wherever practically possible. Loads are broken down as far as is reasonably practicable and team lifting employed where necessary. Where larger or uncommon loads are involved, a specific manual handling assessment will be required. Correct storage of items taken into consideration	2	4	8
Access / egress	Persons accessing works areas, potential for serious injury through STF	5	4	20	Routes and areas are checked for obstructions and availability of space or other hazards i.e. wet or polished floors, uneven or slippery surfaces and cables etc. prior to use. Good housekeeping standards are maintained and inspected at all times. Personnel ensure that footwear is suitable for the given task and free from oils, greases and contamination that could lead to a slip, trip or fall taking into account environmental conditions. Spillages to be cleaned without delay.	2	4	8

Hazard	Who can be harmed & how	Risk Rating			Control measures in place	Residual Risk		
		L	C	R		L	C	R
Use of plant and equipment	Persons using plant / equipment at risk of serious injury through drawing in, collision or contact with moving parts	4	4	16	Persons trained in the use of type of work equipment in use. Equipment to be placed on firm level ground. Use of petrol / diesel driven equipment to take place in a ventilated area. Use of electrical equipment to be in line with requirements relating to electrical plant including PAT testing, RCD protected, use of transformer etc. Regular inspection of all work equipment pre use and at regular intervals.	2	4	8
Contact with fumes / dust / noise	All persons on site and others who may be affected Potential for long term adverse health effects.	4	3	12	All personnel are instructed in the adverse effects that fumes / dust / noise may have on individuals' health. The use of personal protective equipment is required including hearing protection to the correct rating and the use of best available technology to guard against additional hazards including suitable RPE & use of ventilation systems as necessary.	2	3	6
Work at height	Persons undertaking work at height in any location. Potential for serious injury / fatality through fall from height.	3	5	15	All work at height is planned prior to works commencing ensuring all controls are in place Work at height is only to undertaken where suitable controls are in place and inspected pre-use All personnel to use supplied access equipment only ensuring that the EN131 steps / ladders are fully opened and set up as per instructions and training given. Steps / ladders to be maintained in a clean and clear condition at all times. Steps / ladders to be tagged to demonstrate compliance with inspection requirements.	2	5	10
Contact with needles / vermin etc.	All persons on site and others who may be affected Potential for long term adverse health effects.	3	3	9	All operatives undertake site specific inspections prior to attending works. Evidence of infestation and / or needles is referred back to client for action prior to proceeding.	1	3	3

Violence (verbal or physical)	Persons undertaking the task. Serious injury potential through interaction.	3	4	12	Personnel are aware of potentially violent persons prior to attending works. Where this is not available, personnel to use discretion and if conflict is likely are to leave site and report back to line manager for further advice.	2	4	8
Struck by plant / equipment	All persons on site and others who may be affected Serious injury potential, possible fatality	3	5	15	All operatives trained and competent. All personnel to check that all plant and equipment is in place and in a serviceable condition All required PPE is issued and inspected at regular intervals. Personnel refer to additional risk assessments as necessary. Clear communication between operatives. Parking of vehicles / plant considers task, location and others.	2	5	10
Discovery of or damage to material that may contain asbestos.	Operatives / engineers and others who may be affected. Potential for serious long-term health problems	3	4	12	All personnel are trained in asbestos awareness as a minimum and follow advice given during the training. Prior to personnel undertaking any work where asbestos may be present, the asbestos register shall be consulted. Where this is not available, a copy is to be requested from the client. Likely locations include pipework, flues, decorative textured coatings etc. Personnel are not permitted to undertake any works involving asbestos containing material unless trained in the correct procedures. Should any person come across any suspected asbestos containing material (ACM) they must stop work immediately and inform their line manager who should arrange for the client to be informed of the situation and await further advice. Should any person accidentally disturb any ACM, they must stop work immediately and inform their line manager of the situation. They will then complete the decontamination procedure as outlined in training and await further advice.	2	4	8



Drainage Works RA 022

				<p>Should an incident occur in an occupied premise, they shall close off the area without alarming the occupier. All clothing is to be removed and bagged as hazardous waste. Where possible the operative is to shower to remove any fibres, where this is not possible, they will wipe themselves down with a damp rag which is to be placed in the same bag as the contaminated clothing as per training given & in line with EM7 / EM8 asbestos essentials.</p> <p>Any operative involved in an incident is to complete an accident / incident report form, following this they will be given further advice about informing their GP of the suspected contact with an ACM.</p> <p>The company shall arrange through their client for an air test to be undertaken together with an analysis of the suspected ACM.</p> <p>All incident involving suspected contact or release of fibres shall be thoroughly investigated by the company with a file of the incident placed in the accident / incident folder which is maintained at head office.</p>			
--	--	--	--	--	--	--	--