Clear Line Ltd

General Risk Assessments

*Liam Ellis*

Clear line

257

Grange lane south

Scunthorpe

DN163NJ

07980977120

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| **Task:**  **High pressure jetting to remove silt** | | | | | **For:**  **Data cabling BT Openreach** | | | | | | | | | **Who could be harmed:**  Staff, contractors, visitors, and members of public | | | | | | **Date: 17/07/2024** | |
| **COSHH Assessment completed** | | | | | **Yes / No/ N/A** | | | | **MSDS available** | | | | **Yes / No/ N/A** | | |  | | | | | |
| **Traffic Management (TM) required** | | | | | | **Yes / No** | | ***If yes* – TM Contractor (Name)** | | | | | | | | | | | | | **Booked - Yes / No** |
| **PPE** | **Hard hats Y / N** | | **High viz Y /N** | **Safety boots Y / N** | | | **Coveralls Y / N** | | | **Gloves Y / N** | **Safety goggles Y / N** | | | | **Hearing protection Y / N** | | | **RPE - type** | | | |
| **Hazard** | | **Risk** | | | **Existing controls** | | | | | | | **Likelihood 1-5** | | | **Severity 1-5** | | **Risk score L x S** | | **Further Action to take** | | |
| Fire | | Burns, smoke, inhalation, fatalities  Staff, contractors, members of public | | | Portable fire extinguishers, cart, bell/air horn available.  Staff trained.  In the event of a fire or hearing the alarm, staff would ensure everyone evacuates the site to the assembly point. Under no circumstance should anyone re-enter until they are informed it is safe to do so. | | | | | | | 1 | | | 4 | | 4 | | Any ‘Hot Works’ to be carried out under a permit.  Due diligence to be carried out on all contractors before any work commences.  All members of public, visitors and contractors to be made aware of fire safety of the site. | | |
| Driving  Including parking | | Accidents, injury, fatalities  Staff, contractors, members of public | | | All company Drivers to hold a current license for the type of vehicle being driven. To comply with the Highway Code at all times.  Vehicle to be suitable for the task and used within the manufacturer’s instructions. Vehicle to be checked prior to the journey.  When parked for jetting work, vehicle steering to be positioned so in the event of vehicle being struck the van will travel away grom live traffic. Flashing amber beacons to be operated while vehicle parked for jetting operations or causing a potential traffic hazard.  No members of public, or visitors allowed within the cordoned area | | | | | | | 2 | | | 4 | | 8 | | Employees MUST inform managers immediately of any traffic offences which they commit. Licenses to be checked periodically. | | |
| Traffic Management (TM) | | Accidents, delays, confrontation, violence.  Staff, contractors, members of public | | | Traffic management to be carried out as per  ‘TM Red Book’ codes.  All staff trained on TM Red Book codes. All signage/barriers/traffic management used in compliance with red book codes. | | | | | | | 2 | | | 3 | | 6 | | Ensure due diligence is carried out on contractor before engagement and monitor compliance. | | |
| **Hazard** | | **Risk** | | | **Existing controls** | | | | | | | **Likelihood 1-5** | | | **Severity 1-5** | | **Risk score L x S** | | **Further Action to take** | | |
| Jetting - high pressure (HP) equipment | | HP injection, severe internal injuries, loss of limbs, fatalities.  Staff, contractors, members of public | | | * All HP equipment, hoses are used and maintained in accordance with the manufacturer’s instructions * HP hoses/equipment inspected before use * All operatives trained and competent in the use of HP equipment. * If any defects identified HP equipment withdrawn from service and not used until repaired/replaced * Appropriate PPE to be supplied and used for jetting operations which protect from possible HP injection | | | | | | | 2 | | | 4 | | 4 | |  | | |
| Hidden services.  Striking underground services | | Electric shock, explosion, Injury, fatality.  Staff, contractors, | | | * Minimal risk with this contract * Work to be planned * Consult Distribution Network Operator (DNO) for the area * Check for other underground services – gas, water, sewerage, * Look for signs of telecoms in the area and contact company for plans * Use cable scanning devices | | | | | | | 1 | | | 3 | | 3 | | Monitor | | |
| Manual handling | | Back injury, muscle damage.  Staff, contractors, | | | * Employees trained in manual handling and correct lifting techniques * Must not lift more than 25kg * If unsure see supervisor * Use mechanical aids where possible | | | | | | | 2 | | | 4 | | 8 | | Ensure regular manual handling training is carried out | | |
| Lone working | | Injury from assault, accident, cuts, bruises, fractures.  Staff, contractors, members of public | | | * Ensure an effective cordon is in place prior to work commencing. Clear signage displayed keep out authorised persons only. * Regular welfare checks carried out on lone worker * If lone worker feels threatened, call police and manager and give details | | | | | | | 2 | | | 3 | | 6 | |  | | |
| Dust, fumes | | Lung irritation, respiratory damage, incapacitated, fatality.  Staff, contractors, members of public | | | * Provide suitable dust/fume extraction if required * Employees wear face fitted masks appropriate for the hazard | | | | | | | 1 | | | 2 | | 2 | |  | | |
| Oxygen deficiency (confined space) | | Asphyxiation / poisoning  Explosion, infection, drowning.  Staff, contractors, | | | * Inhalation of toxic gases may result in asphyxiation or breathing problems and lung damage. * Test atmosphere before and during task * Build up of gases can cause explosive atmosphere – keep combustibles to a minimum and away from source of ignition. Fire extinguisher available * Two men available at all times * Separate risk assessment to be completed specific to task for confined space work * Only trained, competent workers to undertake this type of work and comply with site specific risk assessment | | | | | | | 2 | | | 4 | | 8 | | Do not enter a confined space without authorisation and an emergency plan.  Rescue equipment to be always at hand. | | |
| Adverse weather | | Injuries from extreme temperatures, wind, rain.  Staff, contractors, | | | Weather forecast used for planning.  If weather changes dynamic risk assessment carried out | | | | | | | 2 | | | 3 | | 6 | | Monitor | | |
| Hand, arm, whole-body vibration | | Nerve damage, chronic disease.  Staff, contractors, | | | * Exposure times of operators recorded * Employees aware not to exceed exposure limits * Employees to stop using and report any fault immediately | | | | | | | 1 | | | 4 | | 4 | | Monitor | | |
| Overhead cables | | Electric shock, power outage, severe injury, fatality.  Staff, contractors, | | | * ‘Goal posts’ are installed either side of the overhead cable to indicate safe height. * Site area cordoned off with barriers * Signage to be clearly displayed * Staff trained and monitored | | | | | | | 1 | | | 5 | | 5 | | Monitor | | |
| **Hazard** | | **Risk** | | | **Existing controls** | | | | | | | **Likelihood 1-5** | | | **Severity 1-5** | | **Risk score L x S** | | **Further Action to take** | | |
| Unauthorised site access | | Injury – cuts, entrapment, possible fatalities, dust, debris, traffic, plant, slip, trips and falls.  Staff, contractors, members of public | | | * Site area cordoned off with barriers * Signage to be clearly displayed * Site is not left unattended | | | | | | | 1 | | | 3 | | 3 | | Monitor | | |
| Smoke inhalation | | Smoking - lung cancer, respiratory disease.  . Staff, contractors, | | | No Smoking or vaping allowed on site or in company vehicles | | | | | | | 1 | | | 1 | | 1 | | Display ‘No Smoking’ signs in company vehicles | | |
| Falls from height | | Impact, cuts, bruises, fractured bones, fatalities.  Staff, contractors, members of public | | | Only work from height risk is up to 1 meter below ground.  Staff trained and competent on working at height. Site area cordoned off | | | | | | | 1 | | | 2 | | 2 | | Monitor | | |
| Drugs/alcohol | | Injuries through drug and/or alcohol.  Staff, contractors, | | | Anyone suspected of being under the influence of drugs or alcohol are not allowed on site. | | | | | | | 1 | | | 3 | | 3 | | Monitor | | |
| Unplanned event (Emergency Action) | | Serious injury.  Staff, contractors, members of public | | | DO NOT move the individual, ensure the site is safe and dial 999 immediately. Provide basic first aid until help arrives.  First Aid box provided – includes sterile eye wash, burns dressings, signage, contents checked regularly. Staff have basic first aid training.  All accidents are recorded.  Manager is informed immediately | | | | | | | N/A | | | N/A | | N/A | |  | | |
| **Hazard** | | **Risk** | | | **Existing controls** | | | | | | | **Likelihood 1-5** | | | **Severity 1-5** | | **Risk score L x S** | | **Further Action to take** | | |
| Electricity | | Shock, burns, fatality.  Staff, contractors, members of public | | | All relevant electrical items are Portable Appliance Tested (PAT), Items are checked prior to use and if any fault’s identified the equipment is isolated and removed from service.  Battery operated tools should be used where possible. If mains, this should be 110v form a centre tap transformer.  All jetting operations are for BT Openreach, all data cabling/fibre optics – no mains electricity present | | | | | | | 1 | | | 5 | | 5 | | Only company approved electrical equipment allowed on site. | | |
| Heat/cold | | Thermal comfort.  Staff, contractors, | | | Employees exposed to wear appropriate clothing. In extreme temperatures,  Heat:   * Loose clothing where practical * Factor 50 SPF to be applied to exposed skin regularly * Increase rest frequency and if possible, a place to cool down * Provide extra drinking water * Monitor for any signs of deterioration   Cold:   * Thermal socks, gloves and jackets should be worn * Increase rest frequency and a place to get warm * Provide regular warm drinks, hot soup * Monitor for any signs of deterioration | | | | | | | 2 | | | 2 | | 4 | | Monitor | | |
| Mental health | | Depression, self-harm, suicide.  Staff, contractors, | | | (Construction has one of the highest rates of suicide).  Staff monitored, looking for mood swings, lateness, change of attitude, behaviours out of character.  Encouraged to talk, provide signposting to appropriate services | | | | | | | 1 | | | 3 | | 3 | | Monitor and review | | |
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| L = Likelihood | S = Severity | L X S = Risk | Risk: 1 = Low | 5 = High |
| Risk is worked out using numbers 1-5 | The Likelihood is given a number, and this is multiplied by the number given to the severity of the risk | | | |
| The result = the risk factor | | | | |
| The maximum is 25 at this level the activity should not go ahead until this has been addressed and the risk reduced substantially | | | | |

The client is advised that there may be activities of the client’s business that have not been covered by this general assessment and may require assessing separately. The responsibility for making a suitable and sufficient risk assessment lies ultimately with the Employer. As such, the client is advised to read the assessment in detail and advise ST Safety Services Ltd of any errors or omissions in the assessment.

The Health and Safety assessment has been produced in good faith by a consultant familiar with H&S risk assessment process and competent to assess the H&S risk associated with the client’s business activities when working in conjunction with the client’s employees and other competent people as necessary. However, there is no guarantee that inspectors with statutory powers will not find other non - compliant issues. Although ST Safety Services Ltd consultants are competent to undertake the assessment; the Acts, the Regulations and the Approved Codes of Practice can only be authoritatively interpreted by the courts of law.

While every effort has been made to ensure the information contained in this document is accurate ST Safety Service Ltd cannot accept any lability for any loss or liability from the use of such information