



Risk assessment name	38 Mosley Street Terrace Installation	Assessment type	 General
Assessor name	Warren Cahill	Affected site(s)	38 Mosley Street, Manchester, M2 3AZ
Assessment date	16/09/2022	Review period	Annually
Approved by		Review date	16/09/2023
Approved date		Reference	38 Mosley Street

Workspace(s)	Description
 Access / Egress  Office	Supply and install new aluminium glazing frames and glass - including ali capping and cladding to roof terrace at 38 Mosley Street for Bruntwood. Existing frame to be left in situ and used as a subframe for the new frames and glass. This exiting frame will then be cladded to colour match the new frames.

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Adverse Weather Risk of injury due to lightning strikes, high winds/heavy rain, snow and ice.	Operators How Many? Slips and falls from wet surfaces. How? If window is left open to extreme weather conditions this can cause hazards - wet floors, slippery surfaces.	 Mobile scaffold used Mobile scaffolding erected, positioned & used by trained and competent persons (e.g. PASMA)  Weather Conditions Checked & Planned For Weather conditions are considered, planned for and suitable clothing and equipment are provided.  Void to be boarded up following glass removal Do Not leave the void open over night - once the glass has been removed the void cannot be left without it being protected - boards to be installed once glass has been removed.  Work Is Postponed In Adverse Weather Conditions Work shall be postponed if weather conditions endanger health or safety	1 x 1 1 Low

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Carrying Materials The weight of the item or slip/trip hazards along the route can be hazardous.	All staff How Many? 3 How? weight of glass - should not be attempted by 1 person	 Glass Lifting Suckers Provided Glass Lifting Suckers Provided  Gloves should be worn  Good Staff Communications Good Staff Communications  Manual handling training All staff are trained in Manual Handling and instructed to comply with good manual handling techniques.  Suitable Trolley Truck Provided Suitable Trolley Truck Provided	1 x 3 3 Low
 Contractors working close by Risk of injury, ill health etc. due to works by other contractors working close by.	Contractors, Members of the public How Many? All working on site How? If others cross the exclusion zone - there will be risk of cutting as broken glass will be on site - and Risk of Fall - as upper floor will be open during glass removal.	 Barriers/Fencing Erected For Site Security Barriers/Fencing Erected For Site Security  Exclusion Zone to be set up Exclusion zone and appropriate signage to be set up to stop unauthorised access by other contractors and members of the public.  Floor Not Left Wet After Cleaning To Prevent Slips Wet floors not left after cleaning - clean them to a completely dry finish - do not leave void open after glass removal - void to be boarded to protect against weather - i.e. RAIN  Warning & Information Signage Displayed Relevant warning & information signage displayed relative to the work activity, hazard & risks	1 x 1 1 Low
 Disposing of broken glass Potential for contact with broken glass. Spread of illness/bacteria.	All staff How Many? 3 How? No broke glass currently on site - bins are provided just in case the new piece breaks	 Eye protection and gloves provided and worn by operatives  Glass bin All Sharps to be disposed of in an approved puncture proof sharps container  Glass bin not over filled	2 x 6 12 Medium

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Glass Fragile surface.	All staff How Many? 3 How? There is no broken glass currently on site - if the new piece breaks do not handle without PPE and all the broken glass is tidied up.	 Broken Glass Containers Provided Broken Glass Containers Provided  Broken glass disposed of correctly Broken glass is put into a rigid container - not into plastic bags  PPE provided  PPE worn Provision of suitable dust/fume/solvent masks that satisfy the criteria as Respiratory protective equipment (Not nuisance dust masks) Any other PPE must also be worn with out any compromises e.g. eye protection must be provided and worn	1 x 3 3 Low
 Hand Tools Potential burns, sparks, debris, electrical fault etc.	All staff How Many? 3 How? Correct Storage of hand tools is essential - Do not use tools that are not fit for purpose - this can cause injury	 Hand Tools Hand dig near buried pipes or cables or use air-powered excavation devices. Use spades and shovels rather than picks and forks, which are more likely to pierce cables; Do not use handheld power tools within 0.5 m of the indicated position of an electricity cable Do not use an excavator to excavate within 0.5 m of a gas pipe Treat all pipes or cables as 'live' unless it is known otherwise. What looks like a rusty pipe may be conduit containing a live cable. Do not break or cut into any service until its identity is certain and it is known that it has been made safe  Tools and equipment stored when not in use  Tools Carried Safely Tools Carried Safely  Tools are used by authorised staff only  Tools fit for purpose All tools provided are assessed to ensure that they are fit for purpose, fit for the environment in which they are to be used and that they are in good working order.	1 x 1 1 Low

Hazard	Who could be harmed and how?	Existing controls		Risk rating (L x S)
 Handling Glass & Glazing Risk of injury (e.g. severe lacerations cuts etc.) due to contact with broken glass.	Operators How Many? 4 How? Cuts from glass can cause infection. Also large cuts can lead to blood loss.	 Avoid Any Unnecessary Manual Handling Unnecessary manual handling activities are avoided by the use of lifting equipment.  Gloves Worn - EN 388 Mechanical Risks (Cut Resist) Gloves Worn - EN 388 Mechanical Risks (Cut Resistant)  Manual Handling - Team Lifting Team lifting will be applied as required  PPE Issued, Worn & Kept In Good Condition PPE Issued, Worn & Kept In Good Condition  Team Work System Operated Team Work System Operated	 Broken glass disposed of correctly Broken glass is put into a rigid container - not into plastic bags  Good Manual Handling Techniques/Postures Used All staff are provided training on safe lifting techniques and recommended postures  Manual Handling Training Given All relevant employees have received training on correct manual handling techniques  Protective Footwear Worn Whilst Manual Handling Suitable protective footwear is worn whilst carrying out manual handling activity.	2 x 5  10 Medium

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Manual Handling - Hydraulic Trolleys, Hoists, Lifts & Beds Danger of poor handling and malfunction of lifting equipment causing injury.	All staff How Many? 2 How? Weight of Glass is Approximately 46kg - should not be lifted by 1 person.	 A Manual Handling Assessment has been carried out  Adequate lighting provided  All employees are suitably trained  All handling equipment is regularly maintained and inspected  Correct Lifting Equipment Provided Correct Lifting Equipment Provided  Electrical Equipment Fit for Purpose Electrical Equipment Fit for Purpose  Employees are instructed to maintain a safe and tidy working environment  Employees are trained in the use of hand tools  Hand Tools Hand dig near buried pipes or cables or use air-powered excavation devices. Use spades and shovels rather than picks and forks, which are more likely to pierce cables; Do not use handheld power tools within 0.5 m of the indicated position of an electricity cable Do not use an excavator to excavate within 0.5 m of a gas pipe Treat all pipes or cables as 'live' unless it is known otherwise. What looks like a rusty pipe may be conduit containing a live cable. Do not break or cut into any service until its identity is certain and it is known that it has been made safe  Hard hats are worn  Health & Safety Awareness Health and Safety Awareness incorporated in curriculum.  Only competent persons are permitted to carryout the task.  PPE worn Suitable PPE (aprons, overalls, gloves, goggles, safety footwear) will be worn by operators as required by the operating instruction	2 x 4  8 Low

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
		Risk assessments and safe methods of work in place All work at height activities to be risk assessed prior to completion and where a significant risk, a safe working procedure to be formally recorded Safety Harness Worn Safety Harness Worn Sharps bin A British Standard "Sharps box"" provided to all staff (for safely containing any needles, sharps found) Staff trained to use equipment Staff trained in safe working practices for using cement / concrete mixers. Suitable Trolley Truck Provided Suitable Trolley Truck Provided Toolbox Talks Toolbox Talks Tools are used by authorised staff only Tools Carried Safely Tools Carried Safely	

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Manual handling Tall, awkward & unwieldy loads that are difficult to lift, transport and handle.	All staff How Many? 3 How? Trolley should be used to transport the glass.	 A Manual Handling Assessment has been carried out  Good handling techniques used All staff required to carry out manual handling activities are provided training on safe lifting techniques and recommended postures  Manual handling procedures in place Proper training in manual handling techniques Undertake a specific manual handling risk assessment for higher risk activities Manual handling techniques reviewed regularly by managers Staff must lift within their physical capability Mechanical aids provided - hoists, sack trucks etc. Two person lifts used for heavier/larger objects as required Ensure safe use of any steps/ladders etc. in use, with appropriate training given in relation to carrying items down ladders and steps  Suitable Trolley Truck Provided Suitable Trolley Truck Provided  Avoid any unnecessary lifting and Handling  Lifting equipment used Appropriate lifting equipment is installed where necessary and staff are trained in the use of such equipment	2 x 4 8 Low
 Sharp objects Inappropriate use and storage of implements could cause injuries such as cuts to hands and fingers.	Operators How Many? 4 How? Sharp objects can cause harm to operatives whilst cutting glass out of frame.	 All Employees Receive Induction Training All employees receive induction training upon commencement with the Company  Appropriate First Aid Provided Casualties treated by first aider until emergency help arrives  Broken glass disposed of correctly Broken glass is put into a rigid container - not into plastic bags  Gloves Worn - EN 388 Mechanical Risks (Cut Resist) Gloves Worn - EN 388 Mechanical Risks (Cut Resistant)  PPE Issued, Worn & Kept In Good Condition PPE Issued, Worn & Kept In Good Condition  Sharps Handled With Care (Tools) Open-bladed knives & other sharp tools are to be carried and used so as not to cause injury.	2 x 4 8 Low

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Work At Height Risk of injury due to falls whilst working at height	Operators How Many? 4 How? Fall from height can cause serious harm	 Employee Medically Fit To Work At Height Employees have been medically passed fit (at the required intervals) to work at height  Fall Arrest/Restraint Equipment Check Prior To Use Personal Fall Protection Systems are checked prior to use by a competent person  Harness/Lanyard inspected for defects prior to use Harnesses and Lanyard inspected for defects prior to use by operator  Mobile Work Platform Used To Access Work At Height Mobile Elevated Working Platform (MEWP) is used by suitably trained operatives for working at height  Only Authorised Employees Work At Height Only persons that have received adequate training are authorised to work at height  Safe System Of Work In Place For Work At Height Operatives work to the Safe System Of Work in place for the work at height  Scaffolding/Working Platforms Provided Scaffolding & working platforms provided, constructed by competent persons & regularly inspected.  Mobile scaffold used Mobile scaffolding erected, positioned & used by trained and competent persons (e.g. PASMA)  No Lone Working Permitted At least two members of staff present at all times  Personal Fall Protection System - Fall Arrest Fall arrest system in place using a body holding device/anchor to arrest the fall before the surface  Scaffold use procedures in place & training given Safe Use of Scaffold Procedures in place & training given to those using working platforms.	1 x 9  9 Low

Hazard	Who could be harmed and how?	Existing controls		Risk rating (L x S)
 Working On Client Sites Risk of injury/ill health etc. due to the lack of safety awareness on unfamiliar sites/surroundings.	Operators How Many? 4 How? Lack of site knowledge - no unauthorised access to other parts of site we are not working on. Do not cross other contractors exclusion zones.	 All Employees Receive Induction Training All employees receive induction training upon commencement with the Company  Toolbox Talks/Site Safety Briefings Given Tool Box Talk programme in place to ensure that employees are briefed on relevant safety issues.	 PPE Issued, Worn & Kept In Good Condition PPE Issued, Worn & Kept In Good Condition	1 x 1 1 Low

Further control measures

None required

Operating procedures

See attached Method Statements

Any installation changed due to alternate circumstances must be recorded and documented on RAMS before works are to be carried out.

Operatives on site are first aid trained. Specific operatives carry CSCS, PASMA & IPAF cards. They are trained in all aspects of Health and Safety, Asbestos awareness, Working at Height, Manual Handling, Harness Safety Training & First Aid.

City Glass is a member of FENSA, Constructionline and SSIP Acclaim. Copies of the certificates are available on request.

A copy of our Health and Safety Policy is available on request.

This Risk assessment and Method Statement will be circulated and signed by all operatives attending site. A signed copy can be taken when on site if required.

P.P.E includes

Safety Boots

Hard Hat

Hi Vis JAckets

ID

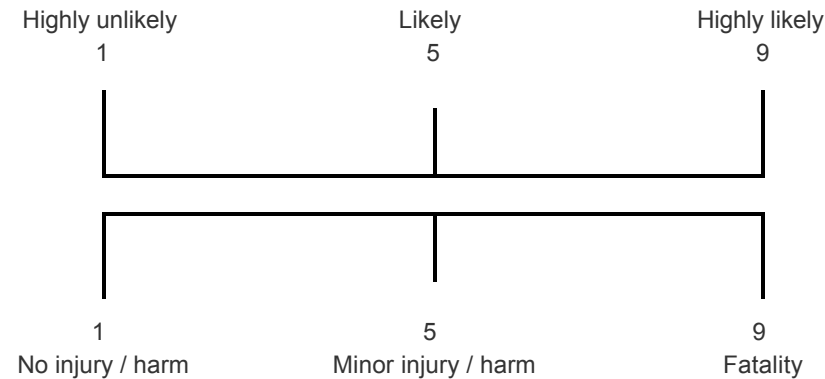
Gloves, cuffs

Goggles / Glasses

Access and Egress through authorised routes only. This must be agreed on site upon arrival.

Risk rating explanation

Risk ratings are calculated by considering the likelihood of an event occurring along with the severity of the potential consequence should an accident occur. After considering existing control measures, values are assigned to the likelihood and severity from the scales below and these figures multiplied to established the risk rating.



9	18	27	36	45	54	63	72	81
8	16	24	32	40	48	56	64	72
7	14	21	28	35	42	49	56	63
6	12	18	24	30	36	42	48	54
5	10	15	20	25	30	35	40	45
4	8	12	16	20	24	28	32	36
3	6	9	12	15	18	21	24	27
2	4	6	8	10	12	14	16	18
1	2	3	4	5	6	7	8	9
Severity								

What do your risk ratings mean?

- Risk is categorised as LOW: Look to reduce risk if practicable
- Risk has been categorised as MEDIUM: Begin to plan your action to reduce the risk immediately
- Risk has been categorised as HIGH: Immediate action required to reduce the risk

Assessor's signature: Warren Cahill

Approved by signature:

Employee(s)/Worker(s) acknowledgement

The signs below acknowledge receipt of this risk assessment and confirm that they have read and understood the requirements of the risk assessment.

Employee name	Signature(s)	Date

Employee name	Signature(s)	Date