

HELM RESTORATIONS

RISK ASSESSMENT

DATE: 3rd February 2022

CLIENT: TMT Group Ltd

SITE: Tootal Courtyard, Manchester

RISK ASSESSMENT FOR:
(Brief Description)

Cobbled and metal kerb cleaning

COMMENTS:

ASSESSOR: James Wilson

POSITION: Contract Manager

Access To & From Site		Hot Work		Sharp Edges	
Children in the Vicinity		Lifting Operations		Slips / Trips / Falls	☐
Compressed Air		Manual Handling	☐	Temperature Extremes	
Confined Space		Mobile Scaffold Towers		Use of Abrasive Wheels/Blades	
Demolition		Moving Vehicles & Traffic Management		Use of Cradles	
Dust		Noise	☐	Use of Jet / Grit Blaster	☐
Electricity		Outsiders in Danger Zone		Use of Power Tools - Drilling Equipment / Breakers	
Falling from Height		Painting		Use of MEWP's	
Falling Objects		Plastering		Waterproof Tanking	
Fire / Explosion		Roof Work		Working Near Open Water	
Flying Particles		Scaffold		Working on Occupied Sites	☐
Fumes		Services - Adjacent		Other:	
Hand-Arm Vibration	☐	Services - Overhead		Coronavirus (Covid-19)	☐
Harmful Substances (COSHH)	☐	Services - Underground			

<u>Risk Assessment Key</u>		<u>Persons Affected Key</u>	
Severity	Rating	Frequency	
First aid injuries, e.g small cuts, bruises	1	Improbable - probability close to zero	E – Employee
Minor Injury, involving lost time	2	Remote - unlikely, but conceivable	C – Contractor
Serious Temporary Injury	3	Possible - may happen	V – Visitor
Major / Permanent Injury	4	Probable - likely to happen	P – Member of the Public
Fatality	5	Likely - could happen at any time	Y – Young Person

RISK RATING = Severity multiplied by Probability.

Very Low 1-5, Low 6-10, Medium 11-15, High 16-20, Very High 21-25

Site Supervision to read and understand the control measures to be adopted prior to commencement of works. This information must be relayed to all site personnel via the

induction procedure.

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			Uncontrolled Risk						Residual Risk
		CONSEQUENCE	PERSONS AFFECTED					RISK	RISK
			E	C	V	P	Y	Sev x Prob	Sev x Prob
1.	Falling from Height	Causing serious injury or death.	E	C	V			5 x 5 = 25	5 x 3 = 15
								• Work must be carried out from a suitable platform erected by a competent person. • When over 2 metres the platform must be fully boarded, have two guard rails and toe boards. • The platform must be inspected weekly or if affected by adverse weather and a register maintained. • No alteration other than by competent person. • For easily accessible task of very short duration a ladder tied & footed may be used. • Where it is not reasonably practicable to erect a platform then work may only be carried out using other suitable means of access. • Good housekeeping required on platform to prevent slips / trips. • Work should not be carried out in wet or windy conditions. • Equipment required: Scaffold / stair tower / edge protection.	
2.	Falling Objects	Causing injury or damage to property and/or person/s.	E	C	V	P	Y	5 x 5 = 25	5 x 3 = 15
								• Barrier off area and erect warning signs to prevent unauthorised access. • Organise work to prevent staff working below overhead activities. • Where scaffold is in use ensure it is erected and checked as required by competent scaffolder. Ensure all boards and toe boards in place and where any material stacking is required that sides of scaffold is sheeted. • Good housekeeping is to be maintained, remove any loose materials, debris etc. and objects/tools are not to be left in an unsafe location where it may be knocked down. • Workers should be specifically instructed not to throw materials and debris from height. • Any staff working near the vicinity must wear safety helmet, safety boots, safety glasses and overalls. • Suitable training instruction supervision and monitoring required. Supervisor to hold current SSSTS certification.	

3.	Flying Particles	Risk if injection to skin and eyes	E C V	5 x 3 = 15	• Ensure where guarding has been fitted that it is in place and being used correctly. • Grinders used on the project to be fitted with a vacuum attachment. • Operatives must be trained in the use of the equipment and in the case of abrasive wheels, the wheel has been mounted by a competent person who is authorised to do so. • Ensure that equipment is inspected and maintained on a regular basis. • Wear the personal protective equipment assessed for the job. • Be aware of other persons and combustible and flammable materials in the vicinity.	5 x 2 = 10
4.	Hand-Arm Vibration	Causing damage to nerves and blood vessels of an incapacitating and irreversible nature. This can lead to Vibration White Finger (VWF) or Hand Arm Vibration Syndrome (HAVS) Vibrating Tools: Hydraulic Breaker Grinders Drills	E C	4 x 4 = 16	• Ensure the correct and most suitable tool has been selected. • Ensure the tool is well maintained regularly. • Ensure suitable vibration dampening devices fitted. • Do not push against the tool. Make sure the tool does the job. • Do not use for excessively long periods or on a regular basis. Consult the HAVS register for working durations. • Rotate the jobs wherever possible between different trained operatives. • Wear gloves to keep hands warm. • Provide information, instruction and training to staff, to include: ☐ Nature of the risk to health ☐ Symptoms of VWF and HAVS ☐ How, why and when to report problems ☐ Control measures to be used ☐ Effects of cold and other factors affecting blood flow • Is the daily vibration exposure (A8), 2.5m/s², or less, when used as required. To Calculate use the following equation - <i>Daily Vibration Exposure = 2.5 x vibration rating²</i>	4 x 3 = 12

5.	Harmful Substances (COSHH)	As defined by the Control of Substances Hazardous to Health Regulations 2002 (COSHH)	E C V P	4 x 5 = 20	- Substances identified as potential hazards are : - Fuels / Lubricants Chemical cleaning product Cement / Concrete Sealants Dusts Asbestos (informed that no asbestos present) - COSHH Assessments are attached which identify the control measures required. - Suitable training and instruction in the selection and use of the appropriate PPE must be in place. - Supervision of control measures must be in place and compliance is mandatory.	4 x 2 = 8
6.	Manual Handling	Causing damage to back and other parts of the body. Skin irritation & contamination Slip, trip & fall	E C	4 x 5 = 20	- Avoid unnecessary handling and where mechanical means are possible, use them - Where loads exceed 25 kgs or are less, but awkward, then two or more people should be used, following an assessment of the lift in line with HSE guidance. - Chemical cleaning product to be split in to smaller containers at ground level to reduce the load taken up the scaffold. - Staff to be trained in safe lifting techniques through regular tool box talks. - Position object at best height for proper lifting. - Ensure good housekeeping, especially around walkways, routes etc. - Individuals should be trained to identify : ☐ Distribution of weight and centre of gravity of load; ☐ Where and by what route it will be moved ☐ The environment (slippy, wet, etc.); ☐ Their own safe lifting capability; - Personal protective equipment required, including, overalls, gloves, safety boots; - Report any injuries.	4 x 2 = 8

7.	Noise	Causing loss of hearing of a temporary or permanent nature	E C V	4 x 4 = 16	Where noise is such that communication at 2 metres is indistinct then first action level has been exceeded and it is advisable to wear ear protection. Where distance is reduced to 1 metre or less then second action level is exceeded and ear protection <u>must</u> be worn at all times.	4 x 3 = 12
9.	Slips / Trips / Falls	Causing possible minor/major injury to person/s.	E C V P	3 x 5 = 15	- Keep all work areas clean and free from spoil, discarded materials and carelessly placed portable tools and equipment. Clear up any spillages in the recommended manner. - Extension cables / leads to be tied out of pedestrian way. - Ramps to be installed for level changes. - Wear suitable footwear - safety boots and exercise caution when moving in vicinity of <u>fixed</u> trip hazards which cannot be avoided. - Regular inspection by supervision, good site layout and planning of work are essential.	3 x 2 = 6

10.	Working on Occupied Sites	Causing Injury & Damage to site personnel and others	E C V P Y	5 x 4 = 20	• Prior to commencement of work, liaise with Client and inform all personnel on or in the proximity of the site of all activities being conducted and the control measures required. • Ensure the site's emergency arrangements are not affected by the works, if they are, ensure appropriate measures are put in place with all personnel made aware of the temporary changes via instruction and signage etc. • Schedule any hazardous activities to times when least affecting people within the proximity of the site.	5 x 3 = 15
11.	Coronavirus (COVID-19)	High temperature, continuous cough, shortness of breath, progressing to severe pneumonia in certain cases.	E, C, V, P Y (not usually affected)	4 x 4 = 16	• Ensure that strict hygiene is adhered to including washing hands for 20 seconds with soap and water. Encourage all operatives to wash hands regularly by allowing breaks to handwash and sanitise when required. • Adequate soap and water will be available at all times within the welfare facility. Alcohol sanitiser will be provided with a minimum alcohol content of 70%. • Cover your mouth and nose with a tissue or sleeve (not your hands) when you cough or sneeze and throw the tissue away straight away. • Do not touch your eyes and mouth with unwashed hands. • Frequent cleaning required to the site office including the disinfecting of surfaces that are touched regularly. • If somebody becomes unwell in the workplace showing symptoms including high temperature and continuous cough, they should be sent home. The individual must then stay at home for a minimum of 7 days. • Introduce staggered break times for mid-morning break and lunchtimes so that no more than 3 operatives are using the mess and welfare facilities at any one time. • When deliveries or collections have been organised, the delivery driver should remain in the vehicle whilst our operatives	4 x 2 = 10

					load/unload the vehicle. • All guidelines and recommendations contained in the Construction Phase Plan and the Construction Leadership Council Construction Sector – Site Operating Procedures to be fully adhered to throughout the project.	
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