RISK ASSESSMENT

PRECISION FACADES

Workplace	Charles Street, Manchester.	**Assessment Number**	A 04
Task / Activity	Use of Mast Climbers		

Date Conducted:	04.06.2026	**Review by Date:**	On commencement	**Date Reviewed**	
Assessment Team	Stephen Dermott				

1 Hazard (Something with the potential to cause harm, how will it be realised and what is the potential injury?)	2 At Risk	Risk 3 Severity	Risk 4 Probability	Risk 5 Risk	6 Control Measures	7 How will controls be checked and by whom *How will each control be checked e.g., checklists, health surveillance, monitoring inspections?*	Risk 8 Severity	Risk 9 Probability	Risk 10 Risk	11 Confirmed all in place of further action required (✓ or FAR)
Collapse of mast, excessive lateral pressure or overloading. Fall from height, death, crush injuries	A	5	3	15	• Pull tests have been carried out on the existing concrete build. • Masts will be installed by competent persons and signed off by competent persons. • Masts will be subject to statutory inspection. • Only trained and competent operatives to control the mast climber • Ensure the operatives are aware of the maximum load and wind conditions. • Mast climber is not to be used in inclement weather or when inclement weather is forecast. • Do not use the machinery when coated in ice (refer to manufacturer guidance) • Do not use the machinery in high winds (refer to manufacturer guidance) • Max wind speed system in place to prevent lift from being raised. 28mph (12 m/s)	• PFL PM will keep a register of lifting equipment this will include the previous inspection findings and future inspection due dates. • PFL site manager and the site operative will complete form SHF-18 to record the daily pre-use visual checks. • PFL site manager and the site operative will complete form SHF-19 to record the weekly checks. • Familiarisation training to be given prior to initial use • All records will be reviewed during the monthly H&S site inspection • Anemometer to be made available on site.	5	1	5	
Materials falling from the platform on to others below. Impact injuries, cuts, fractures	A	4	3	12	• Prevent materials from overhanging were practicable. • Secure overhanging materials. • Ensure an exclusion zone around the base of the lift area is clear of operatives and visitors (as large as practical to contain the materials being used). • SSOW to be followed during the installation of y wall and cladding system. • Debris netting is to be fitted to the mast • Tools <2kg will be tethered to the person	• PFL management and operatives will monitor to ensure no materials are left overhanging • Debris netting will be inspected as part of the weekly recorded inspection. • PFL management will ensure operatives are utilising tool	4	1	4	

At Risk (column 2)		**Severity** (column 3 and 7)		**Probability** (column 4 and 8)	**Risk Rating** (column 5 and 9)		
E - Employees	1	No Injury, property damage	1	Very Unlikely	Severity X Probability = **1 to 5**	**Low**	**Y** – acceptable risk, work can start
C - Contractors	2	Minor Injury	2	Unlikely			
V - Visitors	3	+7 Day Absence	3	Likely	Severity X Probability = **6 to 14**	**Med**	**Y or N** – may need further consideration
P - Public	4	Specified Injury	4	Very Likely			
A - All	5	Death	5	Virtually Certain	Severity X Probability = **15 to 25**	**High**	**N** – Unacceptable risk Do not start work

RISK ASSESSMENT

Workplace	Charles Street, Manchester.	Assessment Number	A 04
Task / Activity	Use of Mast Climbers		

					• Tools >2kg to be tethered to the mast climber • Materials taken up in the mast are to be secured where practicable	tethers. • Lidded bins will be secured on the mast for all materials to be safely disposed of.				
Failure of machinery, failing components compromising the capabilities and control of the machine. Impact, fall, crush injuries	A	5	3	15	• Mast climber hired from and installed by a reputable, competent contractor. • The Mast climber is serviced and fully operational prior to use. • Ensure the machine has an in date thorough examination certificate. • Ensure the examination is updated when necessary. • Ensure pre-use visual inspections are completed on the mast climber. • Ensure weekly recorded inspections are completed on each mast climber.	• PFL PM will request reports of thorough examination for the mast climbers from Watkin Jones and keep a register of lifting equipment this will include the previous inspection findings and future inspection due dates	5	1	5	
Misuse of machinery, using it beyond its capabilities, using incorrectly. Crashing, falls, impact with others or structures	A	5	4	20	• Ensure all operatives are competent to use the machinery on site (copy certification and keep on file). • Ensure training is in date. • Ensure familiarisation training is conducted. • Ensure operators have available the manufacturer's instruction manual to refer to for information and are aware of the machine's limitations. • Remove the keys from the machine whilst it is not in use.	• Competencies will be recorded on SHF 59 spreadsheet • Disciplinary procedure implemented where necessary	5	1	5	
Over loading causing collapse or falling of machine. Fall from height, impact injury	A	5	3	15	• Ensure the Safe Working load of the machine is not exceeded. • Do not load heavy materials outside the boundaries of the basket. • Do not pull materials up the outside of the machine. • Prevent imposing side pressure to the MCWP.	• The mast climber supplier will display the SWL on the mast climber deck. • Familiarisation training to be given prior to initial use	5	1	5	
Falls from height, working outside the confines of the platform. Fall, fractures, possible death	E	5	3	15	• Do not overstretch working outside the confines of the platform. • Do not use rails as a climbing frame to extend the reach • The platform is fitted with rails and toe board. No gap exceeds 470mm. • SSOW to be followed at all times.		5	1	5	
Falls from the slab edge when working in conjunction with operatives in the mast climber removing and reinstating the edge protection.	E	5	4	20	• Edge protection is to remain in place until all operatives are in place and ready to proceed. • Operatives are to wear a harness and clip on to an inertia reel • The trad rail once removed is to be passed immediately and reinstated on the internal.	• SHF 28 and 08 to be used to issue and inspect the harnesses. • Adequate supervision to be applied.	5	1	5	

At Risk (column 2)	**Severity** (column 3 and 7)		**Probability** (column 4 and 8)	**Risk Rating** (column 5 and 9)		
E - Employees	1	No Injury, property damage	1 Very Unlikely	Severity X Probability = **1 to 5**	**Low**	**Y** – acceptable risk, work can start
C - Contractors	2	Minor Injury	2 Unlikely			
V - Visitors	3	+7 Day Absence	3 Likely	Severity X Probability = **6 to 14**	**Med**	**Y or N** – may need further consideration
P - Public	4	Specified Injury	4 Very Likely			
A - All	5	Death	5 Virtually Certain	Severity X Probability = **15 to 25**	**High**	**N** – Unacceptable risk Do not start work

RISK ASSESSMENT

Workplace	Charles Street, Manchester.	Assessment Number	A 04
Task / Activity	Use of Mast Climbers		

Fall, fracture, possible death.										
Overhead obstructions, platform making contact with overhead obstructions. Crush injuries	E	5	3	15	• Users are to remain vigilant and report any obstructions to Site Management. • There are no overhead obstructions in the immediate vicinity. • Site management to identify overhead obstructions prior to works commencing.		5	1	5	
Climbing mechanism, trapping in the moving parts. Crush, amputations, fractures.	A	4	4	16	• A guard is fixed to prevent easy contact with moving parts. • Exclude access to the machine via an exclusion zone. • Sign the exclusion zone.		4	1	4	
Rescue, operatives being stuck on the platform unable to be treated. Delayed first aid, falls whilst getting down	A	4	4	16	• Two operatives to be present at all times so one can immediately raise the alarm. • Gravity system to be used in the event of power failure.	• Rescue procedure will be communicated during the induction by the PFL manager prior to initial use • The rescue plan will be read, understood and signed during the familiarisation training.	4	1	4	
Further Actions *(Further control measures that could be implemented to improve safety)*						Actioned by: Date:				
Additional Comments *(Actions identified by personnel on site to make the task safer)*										
Authorised by The Responsible Manager	Name: Sam Holtom Signature:					Position: PM	Date:			

At Risk (column 2)		Severity (column 3 and 7)		Probability (column 4 and 8)	Risk Rating (column 5 and 9)		
E - Employees	1	No Injury, property damage	1	Very Unlikely	Severity X Probability = 1 to 5	Low	Y – acceptable risk, work can start
C - Contractors	2	Minor Injury	2	Unlikely			
V - Visitors	3	+7 Day Absence	3	Likely	Severity X Probability = 6 to 14	Med	Y or N – may need further consideration
P - Public	4	Specified Injury	4	Very Likely			
A - All	5	Death	5	Virtually Certain	Severity X Probability = 15 to 25	High	N – Unacceptable risk Do not start work