Cherry Hill Glass	**Job Hazard Analysis**	**CHERRY HILL GLASS CO. INC**
Job Hazard Analysis	***Job Site -***	**20 ELM STREET BRANFORD CT 06405**
PM -		**Scope of work** =
Office; 203-483-1717		
Cell;		
Training - Lift and Lull training - OSHA 10 hour		**PPE equipment - Safety Glasses ANSI Z87 - Work Boots9STEEL/Composite Toe) - Gloves (Task Specific) - Hardhats ANSI Z89.1 - Harnesses & lanyards for falls greater than 6 feet**
JOB TASK	**POTENTIAL HAZARDS**	**RECOMMENDED PROCEDURES**
Mobilization to site		*All workers to attend safety orientation, also understand MSDS material and all CHG safety procedures for safe working on site.
with tools - equipment and material	Back injuries	*Include how to lift, Rigging training and proper use of all PPE.
	Rigging issues	*Fork lifts must be operated by trained employees only, and inspected on a daily basis prior to use, and inspection documented.
	Slips trips and falls	*Make sure to inspect all rigging before each use and only trained workers to signal cranes and equipment.
	Struck by	
Working from Lifts / Booms	Falls	*All employees working over 6 feet must be tied off to a secure object, capable of supporting 5000lbs all times (this includes structural supports, lifts, etc.)
Scaffolds and ladders	Struck by	*Inspect PPE before each use- look for abrasions, cuts etc. & replace damaged equipment if neccesarry.
Working at existing openings	Installing Glass	*Make sure Ladders are secure scaffolds have been inspected by competent person.
		*Be sure areas below your work are secure with caution tape so others walking by are not in danger and aware you are working above.
		*Secure your work area when using lifts, ladders, or scaffolding.
Removing glass from crates	Cuts	*All employees working with any glass must wear task specific-rubber installation Gloves
Installing glass and windows	Slips Trips and falls	*Make sure area is secure before we start installing glass, be sure no one is below workers watch for sharp edges.
Secure all glass at the end of the day	Wind, other trades	*Make sure not to be out of position while lifting
Rigging	Other trades	*Window units will be installed from the inside of the structure.
		*Curtain wall will be lifted into place following OSHA standards with equipment properly rated for the appropriate load.
		*Be sure all glass is secured after install, use temps to secure glass in frames quickly and effectively
		*All rigging operations and hoisting to be reviewed by competent person on site
JOB TASK	**POTENTIAL HAZARD**	**RECOMMENDED PROCEDURES / EQUIPMENT**
Cutting metal with saws	Cut fingers and hands	*Always wear safety glasses when using saw, along with task-specific gloves.
	Eye damage from chips	*Any material being cut is to be properly secured/clamped in the saw to avoid any loose pieces from being ejected.
	Hit with material	*Inspect all equipment before making cuts and make sure you have been trained by a competent person.
	Pinch points	*Never use saws with out proper eye protection
Working with drills	Electric Shock	*All employees must be trained on equipment being used. Always use inspected and Osha approved extension cords with proper grounding
Working with screw guns and other power tools	Eye injuries	*Make sure there is a ground fault system on the project and use GFI pigtails
Working with Concrete Hammer Drills	Hand injuries	*Wear safety glasses when using all power tools and make sure you and the material are secure especially when drilling with larger
	Silica Exposure	drills going through steel and heavy aluminum.
		*Pay close attention when drilling into concrete so kick back and drill spin can be avoided.
		*Always use 2 hands when drilling
		*Use GFI pigtails when using electrical outlet in existing building.
		*Use Osha approved hammer drills with HEPA vaccum filter attachments
		*Wear dust face masks when required working with silica according to osha standards

Installing Windows	Back injuries	*Plan your work in advance so no one is working below you or around you while installing windows
	Glass breakage	*Use dollies or any applicable engineered equipment to move heavy windows instead of moving by hand when it makes sense to do so.
	Cuts	*Make sure installed windows are mechanically secured before leaving the work area.
		*Always wear gloves when installing
		*Make sure to use proper lifting techniques and get help if window is to heavy.
		*Use proper rigging as needed
		*Move large crates with lulls or forklifts
Installing Skylights	Back injuries	*Plan your work in advance so no one is working below you or around you while installing windows
Installing Roof Screens	Falls	*All employees working over 6 feet must be tied off to a secure object, capable of supporting 5000lbs all times (this includes structural supports, lifts, etc.)
	Struck by	*Use osha approved tie off equipment when working on a roof when 6ft fall hazard is present such as- roof anchors, Cobra life link anchor, engineered built in roof davits,
	Rigging issues	structural steel, any structure rated to support a suspended load weight of 5000lbs
	Eye injuries	*Use the following examples to attach to certified tie off structures- vertical life lines and rope grabs, retractables,D ring web tie off adaptor slings.
	Hand injuries	* Use visual warning line systems if required when working less than 20ft from a roof edge when no osha rated temporary or permanent guardrails are present at roof top.
	Glass breakage	
	Cuts	
JOB TASK	**POTENTIAL HAZARDS**	**RECOMMENDED PROCEDURES**
Working with Lulls	Struck by	*Lulls and forklifts are to be inspected on a daily basis prior to use and inspection documented.
Hoisting material	Run over	*Only trained personnel can operate Lull and fork lifts, no exceptions.
Spyder Crane	Fall on	*Be sure to properly signal operators, and use proper rigging with legable rating tags on them - disgard rigging if tags are unlegable or if they show signs of accessive wear..
	Loss of load	*Equipment. All slings and rigging must be inspected before each use.
		*Be sure loads are properly hoisted, never let anyone work or pass under suspended loads.
		*Corden off hoisting area with danger tape to ensure untrained rigging workers are NOT within a striking distance of a suspended load.
		*Keep loads low to the ground whenever possible.
		*Be sure ground is secure, no underground foundation or pipes are present prior to hoisting. - Check with GC to confirm if neccesarry.
		*Make sure you know the weight of heavy loads and know your limitations of equipment you are hoisting with.
Welding	Eye damage - flash	*All welding to be done by Certified welders, always have fire extinguishers
Cutting of Steel	Foreign object in eye	*Always have fire extinguishers visible from the area in which the welding is taking place- preferably within 10ft of work area if possible. Especially when working from arial lifts.
	Burns	*Make sure burn permits are current & cover all material that could be destroyed.
	Fire	*Wear proper welding gloves, Safety glasses and a welding shield as needed to avoid potential injuries.
		*Fire watch required during and 30 minutes following operation.
		*Clear area of flammables make sure areas are secure with caution tape so no one can pass into area where sparks are falling.
Demobilization - Clean up	Back injuries	*At end of project it is not unusual for much of the perimeter safety - don't be complacent- the job is not over yet!
	Loss of load	*Temporary GFI safety may no longer be in place. Make sure to use GFCI pigtails in each electircal outlet prior to using power tools to avoid elevtrical shock/ circuit breaker tripping.
	Hoisting	*Work so there is no potential for falls, Tie off if fall hazard is greater than 6ft.
		*Use proper lifting for loading
		*Make sure to tag any damaged equipment going back to the shop at the end of the project.

	Covid -19 & Influenzes	Social Distancing minimum 6' -- Provide handwashing stations or have hand sanitizers available -- gloves -face shields
		Zero tolerance for symptomatic employees to be on site.
		Foreman will ask workers to self-identify symptoms of illnesses. For Covid-19, symptoms incude fever, coughing and shortness of breath.
		resstrict access to closed or confined spaces.
		identify choke points -- work to resolve them.
Cherry Hill Glass	Employee Signature ----------	
Job Hazard Analysis		PM --
On site Training		
Requirements for Project		
1.OSHA 10 hour certification		
2. Lull training to operate		
3.Arial Lift training to operate		
4. Hard hats at all times		
5. Work boots at all times		
6. Gloves when handling glass		
7. Safety glasses when working		
8. Employee inspect PPE before use		
9. Drug free work place		
10. Fall protection as required per osha standards		
11. Tag faulty equipment		
12. Understand & follow All CHG safety rules		
13. Make your work area safe		
14.Inspect ALL rigging prior to hoisting anything.		
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