



FRED SHEARER & SONS, INC.
ESTABLISHED 1916

Job Hazard Analysis		JHA # 19
Job/Task Title: Ceiling Tile and Grid Removal		
Safe Job Procedure:		Revised 1/2024
<p>This JHA is for the safe and successful removal of ceiling tile and grid system. Special emphasis is placed on use of respirator, mitigating electrical hazards and potential stored energy hazards.</p>		
<p>Required PPE: Hard Hat, Safety Glasses, Hi-Vis Vest, Cut-4 Gloves, Mask/ Respirator, and Work Boots</p>		
<p>Review JHA's 8,17,23,24,26,28,30,31: Acoustic Ceilings, Interior Demolition, Powered Tools and Equipment, MEWP/ Aerial Lift, Material Handling, Scaffolding, Covering/Cleanup, Lock out – Tag out</p>		
Step #1 Work Area Inspection		
Steps to Complete Job	Hazards	Preventive Measures
Survey and set up the work area.	Workers can be cut on sharp materials, sharp edges, or equipment. Possible trips, falls, and being struck by loose debris or unsecure materials.	1) Hard Hat, Safety Glasses, Hi-Vis vest, Cut-4 Gloves, Mask/ Respirator and Work Boots.
		2) Identify, eliminate, or mark all trip hazards such as, open holes, slippery conditions, rolling stock, or changes in elevations.
		3) Correct or note any changes in work area since last leaving it.
		4) Pickup loose materials and remove debris from work area.
Identify any stored energies in the work area that could be released due to the work being performed, or by being damaged.	Workers could release unknown or unsuspected energy due to damage, removal of system components, or exposure of system components.	1) Relocate stored energy components or system from work area.
		2) Deenergize and install LOTO (JHA #31) procedures to stored energy source.
		3) Install bulletproofing or mitigation to protect stored energy source.
		4) Barricade and tag area around stored energy source.



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Walk area to ensure that there is adequate lighting and electrical power supply.	Lack of lighting can impair the ability to see, causing trips, falls, cuts, etc. Lack of sufficient electrical power can cause circuit overloads and excessive number of electrical cords in the area.	1) Have temporary task lighting provided before work begins.
		2) Have temporary power provided before work begins.
		3) Minimize electrical cords in area. Verify the cords in use are rated for their expected use.
		4) All cords and lighting to be GFCI protected.
		5) All cords to be tested and marked according to current Assured Grounding protocol.
Coordinate work in the area with other trades.	Possible confusion and conflict due to multiple trades working in a limited area.	1) Communicate with other trades to avoid creating a hazardous situation by trade stacking. Coordination.
Step #2 Ceiling Tile and Grid Removal		
Steps to Complete Job	Hazards	Preventive Measures
Prepping area for ceiling removal.	Worker will be exposed to strains, trips, and cuts.	1) Stretch and flex before beginning of shift and after lunch. Stretch throughout the shift when needed to reduce or eliminate muscle strains.
		2) Remove any excess materials or debris from task area.
		3) Protect and cover any finished work in task area.
Removal of ceiling tile and grid.		1) Have dump buggies ready and a plan of material disposal in place.
		2) Ensure workers are trained in the use of an electrical tester and are using an electrical tester to verify that grid is not energized prior to work starting.
		3) Wearing an N95 mask is a minimum for dust hazards mitigation. A half face respirator is recommended while removing tile. <i>Users must be fit tested by safety prior to using a half face respirator.</i>
		4) Remove debris and cleanup area as soon as feasible.