



FRED SHEARER & SONS, INC.
 ESTABLISHED 1916

Job Hazard Analysis		JHA # 12
Job/Task Title: Sound Panel Installation		
Safe Job Procedure:		Revised 1/2024
<p>This JHA is for the safe and successful installation of sound panels. Special emphasis is placed on work utilizing MEWP's and scaffold to access work.</p>		
<p>Required PPE: Hard Hat, Safety Glasses, Hi-Vis, Cut-4 Gloves, and Work Boots</p>		
<p>Review JHA's 22,24,26,30,31: Baker/Perry Scaffold, MEWP/Aerial Lift, Material Handling, Covering/Cleanup, LOTO</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, 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 Accesses Elevated Work Areas		
Steps to Complete Job	Hazards	Preventive Measures
Use of Scaffolding or Aerial Lift to Access Work Areas.	Worker has the potential to be exposed to falls, trips, tip over, pinch, and crush hazards.	1) Only competent workers with current certification can operate MEWP's or use scaffolding.
		2) Inspect work area prior to every use; look for obstructions, holes in the slab, leading edges, etc.
		3) Guard rails are required when platform height is at or above 6 ft. Guard rails required at lower heights if feasible.
		4) Lock wheels on scaffolding
Step #2 Installation of Panels		
Steps to Complete Job	Hazards	Preventive Measures
Installing sound panels.	Worker has the potential to be exposed to strains, falls, and inhalation hazards.	1) Stretch and flex before beginning of shift and after lunch. Stretch throughout the shift when needed to reduce or eliminate muscle strains.
		2) Set up work area in a well-ventilated space.
		3) Plan stocking materials to minimize handling.
		4) Position body in front of work to avoid overreaching or twisting.
		5) Apply adhesives in a well-ventilated area.
		6) Use mechanical means such as a duct lifter to position panels
		7) Plan crew size to ensure there will be enough manpower to handle materials.