



**FRED SHEARER & SONS, INC.**  
 ESTABLISHED 1916

Job Hazard Analysis		JHA # 32
<b>Job/Task Title: Stilt Use</b>		
Safe Job Procedure:		Revised 1/2024
<p>This JHA is for the safe and successful use of Stilts to access work area. Special emphasis is placed on housekeeping and being aware of your work area.</p>		
<p><b>Required PPE: Hard Hat, Safety Glasses, Hi-Vis, Gloves and Work Boots</b></p>		
<p><b>Review JHA's 30,31: Covering/ Cleanup, Lock Out-Tag Out (LOTO)</b></p>		
<b>Step #1 Work Area Inspection</b>		
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, Gloves, 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 procedures to stored energy source.
		3) Install bulletproofing or mitigation to protect stored energy source.
		4) Barricade and tag area around stored energy source.
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 intended use.
		4) All cords and lighting to be GFCI protected.



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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. <b>Coordination.</b>
<b>Step #2 Use of Stilts</b>		
<b>Steps to Complete Job</b>	<b>Hazards</b>	<b>Preventive Measures</b>
Inspect stilts before use and set up work area for safe operation.	Worker has the potential to be exposed to cuts, slips, trips, and falls.	1) Stretch and flex before beginning of the shift and after lunch. Stretch throughout the shift when needed to reduce or eliminate muscle strains.
		2) Thoroughly inspect stilts for any defects and fill out a daily stilt inspection form before use.
		3) Excellent housekeeping is a must. Remove all obstacles and trip hazards from working areas prior to mounting stilts. Depending on the job, this may need to be done each time you put stilts on. In high traffic areas, consider controlling task areas with caution tape to keep stilt users safe.
		4) Never use stilts when working within 10 feet of a leading edge.
		5) Stilts that have been altered in any way must be red tagged and taken out of service.
Mounting Stilts.	Worker will be exposed to trip and fall hazards.	1) To put stilts on, use a baker or roll and fold scaffold against a wall with all four wheels locked.
		2) Ensure area in front of platform is clear of any trip hazards.
		3) Stand up on stilts and tighten straps again.
Using Stilts to access work.	Worker will be exposed to slip, trip, and fall hazards.	1) Constantly be aware of changes to your work area.
		2) Continually watch where you are stepping.
		3) Running or horseplay is never allowed.
		4) Clean up mud spills quickly to avoid slippery conditions.
Dismounting Stilts.	Worker will be exposed to slip, trip, and fall hazards.	1) Use a baker or roll and fold scaffold against a wall with all four wheels locked when removing stilts.
		2) Ensure area in front of platform is clear of any trip hazards.
		3) Strap both stilts together and close calf straps. Store in a designated secure location at the end of the shift.