

Job Hazard Analysis

Using a Baker Scaffold / Narrow Frame Rolling Scaffold

Task 1

Inspecting the scaffold for damage or loose mechanisms prior to use, including:

- a) Verifying all scaffold components are functioning properly and are correctly assembled.
- b) Ensuring scaffold is braced by cross, horizontal, or diagonal braces, or combinations thereof.
- c) Ensuring all brace connections are secured.
- d) Ensure scaffold is plumb, level and squared.

Hazards

- Falling

Controls

- Inspect scaffold prior to use and remove it from service if scaffold does not pass inspection.
- Do not use scaffold if it is incomplete, broken or has missing or ill-fitting parts which need replacement. Contact your supervisor.

Task 2

Setting up the scaffold.

Hazards

- Pinching
- Falling
- Losing control of scaffold and inflicting injury to self or others
- Potential electrocution

Controls

- When unfolding and setting up platforms on scaffold, or other necessary set-up as per the model of narrow scaffold, be aware of pinch points and wear gloves, if necessary.
- Ensure scaffold is set-up on stable ground. Where leveling is necessary, screw jacks or equivalent must be used.
- Lock scaffold casters and wheels with positive wheel and/or wheel and swivel locks to prevent movement while the scaffold is used in a stationary manner.
- If outriggers are installed, deploy installed outriggers on both sides of the scaffold.
- All locking pins on outriggers, caster stems, and wheel stems must be engaged before using the scaffold.
- Provide a safe method of access and exit from the scaffold. Climbing the exterior end frame may cause overturning.

- Use guardrails along all open sides and ends of platforms, which include top rails, mid-rails, and toe boards, at working platform heights of 6 feet or higher.
- In a high traffic area, secure the scaffold use area with cones and/or caution tape.
- For overhead hazards, secure the area with danger tape.
- Scan the area for overhead power lines before setting up the scaffold.
- Stay at least 10 feet away from energized power lines.

Task 3

Using the scaffold.

Hazards

- Falling

Controls

- Follow the manufacturer's allowable load for the casters, scaffold components and platforms, along with recommended bracing.
- Ensure platforms are placed properly.
- Ensure guardrails, equipped with midrails, are in place.
- Do not leave tripping hazards on the platform, such as hand tools, equipment, or materials.
- Do not stand on the guardrail or use any components of the scaffold or other items (e.g., stepladders, buckets, boxes, etc.) inside the scaffold to gain additional standing height.
- Do not attempt to pull oneself from one location to another while standing on the platform.
- Do not move the scaffold with worker on the scaffold unless the following is met:
 - Worker is aware of the move.
 - The surface under the scaffold is within 3 degrees of level and is free of pits, holes, or obstructions.
 - The height to base width ratio during movement is two to one or less.
 - Outrigger frames, when used, are installed on both sides.
 - Worker is not on any part of the scaffold which extends outward beyond the wheels, casters, or other supports.
- Manual force used to move the scaffold should be applied as close to the base as practicable, and not more than 5 feet above the supporting surface.

Task 4

Taking down the scaffold and returning it to its storage location.

Hazards

- Pinching

Controls

- When folding and taking down scaffolding, be aware of pinch points and wear gloves, if necessary.
- Secure scaffold in storage area; do not block electrical panels or fire extinguishers.

Required Training

- 1) Authorized user of rolling scaffold; provided by a qualified person.
- 2) Follow all operating and maintenance instructions and recommendations of the manufacturer.

Required Personal Protective Equipment

- 1) Gloves (if necessary)

Other Information

[OSHA Fact Sheet: Narrow Frame Scaffolds](#)

[CompWest: General Safety for Narrow Frame Scaffolds](#)

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