

## Requirements for Mobile Scaffolds

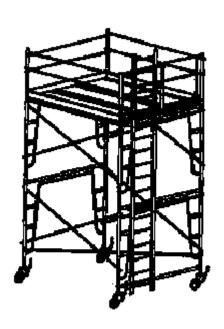
**Environmental Health and Safety** 

## **General Requirements**

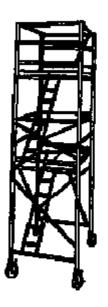
Specific Requirements

The requirements for mobile scaffolds are as follows:

- A competent person shall evaluate all direct connections prior to use to confirm that the supporting surfaces are able to support the imposed load;
- Scaffolds shall be braced by cross, horizontal, diagonal braces, or combination thereof, to
  prevent racking or collapse of the scaffold and to secure vertical members together laterally
  so as to automatically square and align the vertical members. All brace connections shall
  be secured;
- Scaffolds constructed of tube and coupler components shall also comply with the specific requirements for tube and coupler scaffolding;
- Scaffolds constructed of fabricated frame components shall also comply with the specific requirements for fabricated frame scaffolds;
- Scaffold casters and wheels shall be locked with a positive wheel and/or wheel and swivel locks, or equivalent means, to prevent movement of the scaffold while the scaffold is used in a stationary manner;
- Manual force used to move the scaffold shall be applied as close to the base as practicable, but not more than five feet above the supporting surface;
- Power systems used to propel mobile scaffolds shall be designed for such use. Forklifts, trucks, similar motor vehicles or add-on motors shall not be used to propel scaffolds, unless the scaffold is designed for such propulsion systems;
- Scaffolds shall be stabilized to prevent tipping during no movement; employees shall not be allowed to ride on scaffolds unless the following conditions exist:
  - The surface on which the scaffold is being moved is within three degrees of level, and free of pits, holes and obstructions;
  - The height to base width ratio of the scaffold during movement is 2 to 1 or less, unless the scaffold is designed and constructed to meet or exceed the nationally recognized stability test requirements;
  - o Outrigger frames, when used, are installed on both sides of the scaffold:
  - When power systems are used, the propelling force is applied directly to the wheels and does not produce a speed in excess of one foot per second; and
  - No employee is on any part of the scaffold which extends outward beyond the wheels, casters, or other supports;
- Platforms shall extend outward beyond the base supports of the scaffold unless outrigger frames or equivalent devices are used to ensure stability;
- Where leveling of the scaffold is necessary, screw jacks or equivalent means shall be used;
   and
- Caster and wheel stems shall be pinned or otherwise secured in scaffold legs or adjustment screws.



Manually Propelled Mobile Scaffold





Prefabricated Mobile Tower Unit