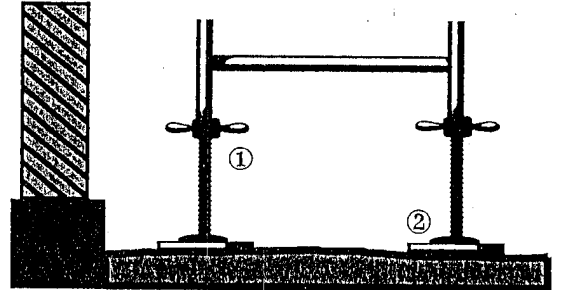


Scaffolds

☞ **A scaffold is only as solid as its foundation.**

- Scaffolds must be erected on firm, solid ground, like concrete or compacted soil.
- Keep away from sand, loose rocks and sides of excavations.
- ① Always use base plate screwjacks to make leveling the system easier.
- ② Use mudsills on uneven ground or compacted dirt.
- A competent person must decide what fall protection methods will be used when erecting or dismantling scaffolds.



☞ **Make sure you use scaffold components correctly when erecting the system.**

- All components must be from the same manufacturer, unless the competent person decides that parts from other systems are safe to use.
- Make sure all end frames are securely connected with crossbracing.
- Use connecting pins when you stack multiple levels of end frames.
- If there is a possibility of uplift from wind, then use locking pins or their equivalent.

☞ **When a scaffold's height exceeds four times its width, it must be secured to the building at least every 30 feet horizontally. Wind screens may require additional tie-ins.**

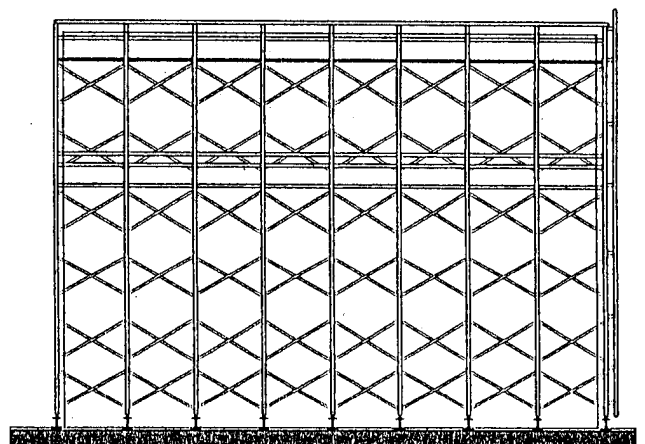
- If the scaffold system is three feet wide or less, it must be secured at least every 20 feet vertically.
- If it's more than three feet wide, then you must secure it at least every 26 feet vertically.

☞ **Completely plank the work area, and use fall protection.**

- Planks have to be scaffold grade lumber and be marked as such.
- The planks cannot deflect more than 1/60th of the span's length.
- Guardrails must be erected, per OSHA specifications.

☞ **Crossbraces cannot be used to access or climb down from a scaffold system.**

- You may climb the end frames if the rungs are at least 8" long and not more than 16¾" apart.
- Platforms must be available at least every 35 feet.



Scaffolds Training Tips

- Hold the Toolbox Talk meeting next to an erected scaffold and point out where it is secured and where the various parts of the system are located (mud sills, screwjacks, crossbracing).
- Show the employees how they can tell if a plank is scaffold-grade lumber.
- Explain what wind uplift is.
- Ask the following questions:
 - Are you allowed to climb the crossbracing?
 - What is the best way to level a scaffold system?