

# Scaffolding

## 1926 Subpart L

A competent person must supervise the erection, and dismantling of all scaffolds

The competent person must inspect scaffolds before each shift

### **WELDED FRAME SCAFFOLDS**

Frame scaffolds must be on firm foundation, either concrete or a mudsill

Mudsill must be a minimum of 10" X 10" X 1"

Leveling feet must not extend more than 2/3 of their length

Scaffolds should not be more than 14" away from the work surface

Frame scaffolds must be plumb and level

All cross braces must be used

They must be connected with locking stack pins

Don't use parts for different manufacturers

Don't climb the diagonal braces

Any level of a frame scaffold that has a worker on it must be fully planked

This applies to erecting and dismantling frame scaffolds

Frame scaffolds must be braced or guyed when the height is 4 times its narrowest width

Fall protection on scaffolds begins at 10'

Frame scaffolds must have top rail, mid rail, and toe board at 10'

Diagonal bracing can be mid rail if the intersection of the braces is between 20" and 30"

Frame scaffolds are to be accessed with a ladder. Frame ends are not to be climbed

### **WELDED FRAME SCAFFOLDS AND ALL SCAFFOLDS**

Other forms of fall protection can be used when above 10'. Guard rails are usually used

Boards more than 10' cannot protrude past their last support by more than 18"

Top rails are 38'-45" and must support 200 lbs. down and horizontally. We put them at 42"

Mid rails are equal distance between the top rail and the toe board and must support 150 lbs. down and horizontally. We put them at 21"

Toe board top must be at 3.5" above working surface and support 75 lbs. outward

Debris cannot accumulate on scaffold walk surfaces

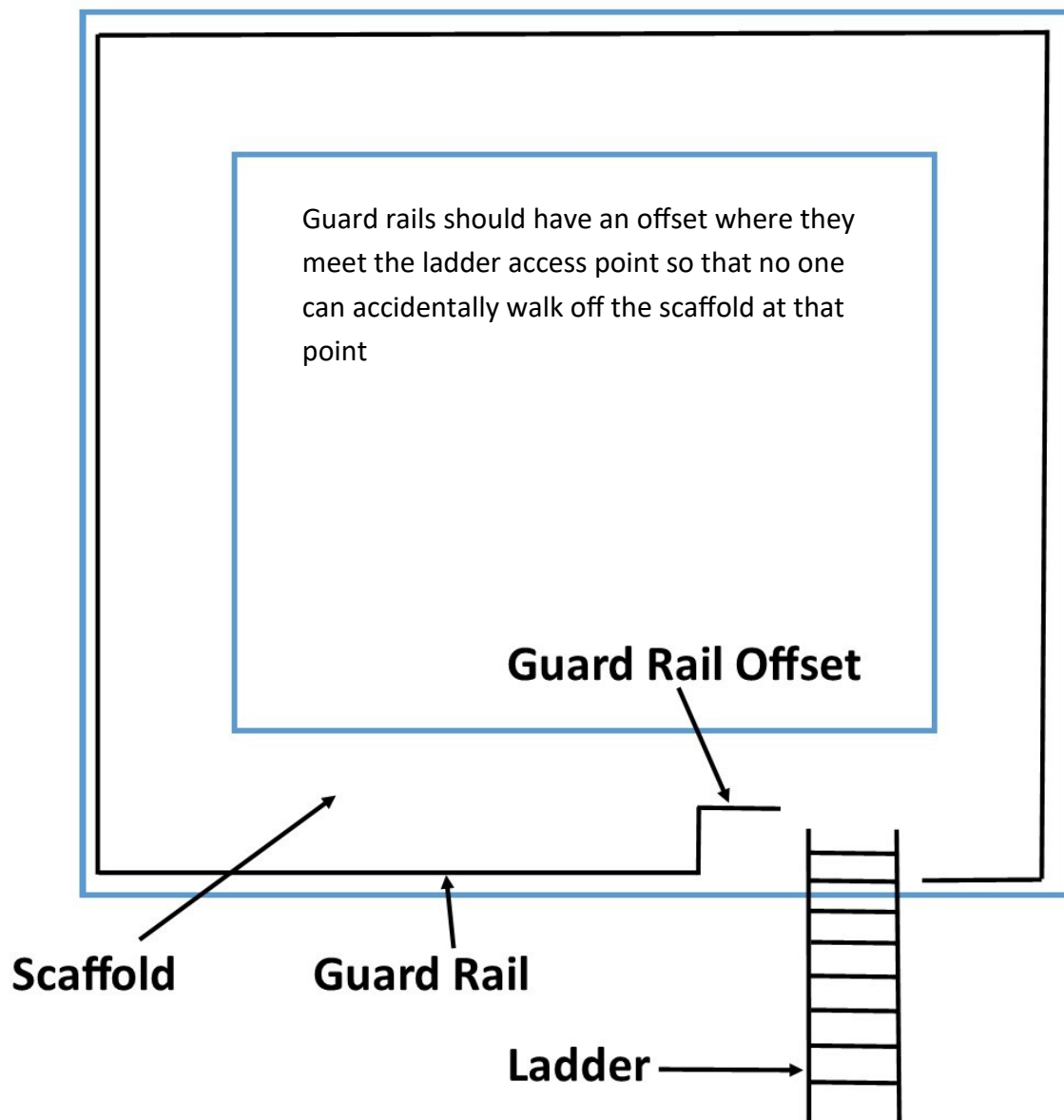
May need more than a 3.5" toe board if there are objects that could go over it

Cable top rail must be at least 1/4" in diameter and flagged at 6' intervals-high visibility flagging

Gaps between walk boards must be no greater than 1"

Where walk boards are overlapped they must overlap by 12", 6" on each side of a support

### Guard Rail Offset



Hoist holes must have a guard rail with a chain, gate, or removable side

Material passage holes must have no more than 2 removable sides

Ladder access holes must have self closing outswing gate or a guard rail offset

Don't use a box or ladder to increase your working height on a scaffold

When going from one scaffold level to another scaffold level or to different work surface:

If the second scaffold or different work surface is 24" higher or lower, a ladder or ramp must be used

Scaffold boards must be rated as scaffold grade