

## University of Illinois at Urbana-Champaign Elevated Work Program

## **Basic Requirements**

- The working edge of the scaffold will be placed no more than 14 inches from the front of the building or structure.
- Platforms will extend over the end supports by at least 6 inches, and not more than 12 inches, unless cleated or restrained.
- All components that are supplied by the manufacturer will be used unless they are parts specifically designed for optional uses and are not being used at the time.
- All parts, including casters, pipes/poles, rails, toe boards, platforms, cams, locking pins and all
  connection devices must be inspected and found to be in good condition prior to each use. See
  Appendix C.
- A workplace inspection will be conducted by a scaffold competent person and documented prior and during the erection of the scaffolding, as well as prior to each use. Example inspection checklists follow.
- Guardrails are to be placed between 36 and 45 inches high and placed at the open ends and sides of the platform, and must be able to withstand a force of 200 pounds. Midrails will be placed halfway between the toprail and the toeboard. Toeboards must be in place where employees working below are exposed to falling objects.
- Cross bracing and railings should not be used as a means of climbing to or accessing the platform. Workers will only use the installed ladders.
- For mobile scaffolds, the caster wheels must be locked and all locking pins in place prior to use.
- Fall protection systems are required when employees erect and disassemble scaffolding.
- Hard hats are to be worn at all times while working on or around scaffolding.



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Component Inspection All scaffold components will be inspected before use.			
<ul> <li>□ Frame posts in good condition</li> <li>□ Runner poles in good condition</li> <li>□ Bearer poles in good condition</li> <li>□ Cross bracing poles in good condition</li> <li>□ Horizontal poles in good condition</li> <li>□ Panel guard rails in good condition</li> <li>• Top rail</li> <li>• Mid rail</li> <li>• Uprights</li> <li>• Toe kicks</li> <li>□ Connector clamps</li> <li>□ Locking pins</li> <li>□ Base plates</li> <li>□ Casters with locking equipment</li> <li>□ Climbing ladders</li> </ul>			
<ul> <li>□ Climbing ladder</li> <li>□ Climbing ladder brackets</li> <li>□ Outrigger brackets (if applicable)</li> <li>□ Outriggers (if applicable)</li> <li>□ Planking (solid treated lumber, LVL, metal, etc.)</li> </ul>			
Additional components:  • • • • • • • • • • • • • • • • • •			
Additional accessories added:  • • • • • • • • • • • • • • • • • •			
Comments			



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Worksite Inspection			
Date	Department I	nspector	
	Is scaffold equipment inspection complete?		
	No electrical within 10 feet (or insulation if <300 V)		
	No overhead obstruction		
	Scaffold grounded if powered equipment is used		
	Only trained personnel erecting or using scaffolding		
	Ground or floor is providing adequate support		
	Ground or floor flat and level, or adjustments have been made		
	Area around base is cordoned off		
	If casters are used, they are locked		
	Base plates are in place and secured		
	Each frame and panel is braced by:		
	<ul> <li>Horizontal bracing</li> </ul>		
	<ul> <li>Cross bracing</li> </ul>		
	Diagonal bracing		
	Diagonal and cross bracing is used near bottom and every 20 feet		
	All bracing connections and couplers are secured		
	All vertical post connections and couplers are secured		
	All locking pins and locking mechanisms are in place and engaged		
	All posts are plumb and planking is level		
	All planking overhangs the ends by 6-12 inches		
	All 4:1 sections properly secured (when height exceeds four times	s the width)	
	<ul> <li>Tied to wall or fixed surface</li> </ul>		
	Guyed		
	Outriggers used		
	Other effective restraints used		
	A means of access to all platforms is provided (e.g. ladder)		
	No climbing of cross bracing, horizontal or diagonal parts is neces	sary	
	No homemade or makeshift devices used		
	No additional ladders or devices used to gain height on platforms		
	Erected scaffolding reaches safe working height		
	Weight capacity of the scaffold system will not be exceeded		
Comments			