SUNBELT CONTROLS

Appendix 28-A
Scaffold Inspection Checklist

Location: _____ **Job#:** _____ **Date:** _____

Supervisor Name: _____

Inspector Name: _____

Scaffold Users: _____

GENERAL REQUIREMENTS REFERENCE OSHA CFR 1926.451	YES	NO	N/A
1. The scaffold has been constructed to maintain a safety factor of 4:1.	☐	☐	☐
2. The scaffold has been designed by a qualified "competent person".	☐	☐	☐
3. The scaffold platform has been planked with less than 1-inch between planks or between planks and uprights.	☐	☐	☐
4. The gap between the last plank and the uprights is less than 9½-inches (where necessary).	☐	☐	☐
5. All the platforms are at least 18-inches wide.	☐	☐	☐
6. Any platforms that are less than 18-inches are protected b guardrail systems or all employees will have personal fall arrest systems.	☐	☐	☐
7. Open sides of the scaffolds are less than 14-inches from the face of the work.	☐	☐	☐
8. On open sides of the scaffolds that are more than 14-inches, fall protection systems are used by all employees.	☐	☐	☐
9. Scaffolds that will be used for lathing and plastering, the platform are less than 18-inches from the face of the work.	☐	☐	☐
10. All platform units are cleated, restrained by hooks or equivalent means or extends over the center line of their supports by at least 6-inches.	☐	☐	☐
11. All platforms of 10-feet or less extends over their supports no more than 12-inches.	☐	☐	☐
12. Any platform of 10-feet or less that extends more than 12-inches have guardrails installed to block access to the overhang.	☐	☐	☐
13. All platforms of 10-feet or more extend over their supports no more than 18-inches.	☐	☐	☐
14. Any platforms of 10-feet or more that extends more than 18-inches have guardrails installed to block access to the overhang.	☐	☐	☐
15. Abutted planks are resting on separate support surfaces.	☐	☐	☐
16. Planks that overlap are lapped over the supports.	☐	☐	☐
17. Any planks that overlap at least 12-inches are nailed together or otherwise secured.	☐	☐	☐
18. Planks that rest on the bearer at other than a 90° angle are laid first.	☐	☐	☐
19. The top and bottom surfaces of the plank are visible and free from paint and other opaque finishes.	☐	☐	☐
20. Scaffold components from different manufacturers fit together without force and a "competent person" has determined they are safe for use.	☐	☐	☐
21. The use of any dissimilar metals has been evaluated by a "competent person".	☐	☐	☐

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SUPPORT SCAFFOLDS REFERENCE OSHA CFR 1926.451(c)	YES	NO	N/A
1. The scaffold conforms to the 4:1 base to height ratio requirement.	☐	☐	☐
Scaffolds that do not meet the 4:1 base to height ratio must be secured to the structure by use of ties (ie. ties, guying, bracing or equivalent means) as follows:			
2. The tie has been installed at the horizontal member that supports the inner and outer legs.	☐	☐	☐
3. The first vertical tie has been installed at a height less than 4x the minimum base dimension.	☐	☐	☐
4. The vertical ties have been repeated every 20-feet or less for scaffolds that are 3-feet or less in width.	☐	☐	☐
5. The vertical ties have been repeated every 26-feet or less for scaffolds that are wider than 3-feet.	☐	☐	☐
6. The vertical distance from the top tie to the top of the scaffold is less than the 4:1 minimum base dimension.	☐	☐	☐
7. The ties installed at each end of the scaffold and at horizontal intervals do not exceed 30-feet.	☐	☐	☐
8. Where eccentric loads are imposed, ties have been installed to counteract these loads.	☐	☐	☐
9. Scaffolds are erected on adequate firm footings.	☐	☐	☐
10. Footings are capable of supporting four times the intended load without settling.	☐	☐	☐
11. The use of unstable objects has been prohibited for footing.	☐	☐	☐
12. The scaffold is plumbed and braced to prevent swaying or displacement.	☐	☐	☐

SCAFFOLD ACCESS REFERENCE OSHA CFR 1926.451(e)	YES	NO	N/A
1. Safe access has been provided for scaffold platforms more than 2-feet above or below the point of access by means of; portable ladders, hook-on ladders, attachable ladders, stair towers, ladder stands, ramps, walkways, prefabricated scaffold access or direct access from another scaffold.	☐	☐	☐
2. Cross braces have been prohibited as a means of access.	☐	☐	☐
3. Portable, hook-on and attachable ladders meet the specific requirements of OSHA CFR 1926 sub-part X.	☐	☐	☐
4. Ladders are positioned so as not to tip the scaffold.	☐	☐	☐
5. The bottom rung is less than 24-inches above the support surface.	☐	☐	☐
6. (for hook-on and attachable ladders) Rest platforms are installed every 35-feet in vertical intervals.	☐	☐	☐
7. The ladders used are specifically designed for use with this particular scaffold.	☐	☐	☐
8. The ladders have a minimum rung length of 11½-inches.	☐	☐	☐
9. The rung spacing is uniform and there is no more than 16¾-inches between rungs.	☐	☐	☐
Integral prefabricated scaffold access frames shall conform to the following:			
10. The frame was designed and built for use as an access ladder.	☐	☐	☐
11. The rungs are at least 8-inches in length.	☐	☐	☐
12. The rungs are uniformly spaced within each frame section.	☐	☐	☐
13. The rest platforms are installed every 35-feet in vertical intervals.	☐	☐	☐
14. The distance between the rungs is less than 16¾-inches.	☐	☐	☐
15. The rungs and steps of the ladders line up vertically between the rest decks.	☐	☐	☐
16. Direct access to other structures is prohibited when the distance is more than 24-inches vertically or 14-inches horizontally.	☐	☐	☐

SCAFFOLD USE REFERENCE OSHA CFR 1926.451(f)	YES	NO	N/A

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1.	The scaffolds and components are loaded within their rated capacities.	☐	☐	☐
2.	Use of shore or lean-to scaffolds is prohibited.	☐	☐	☐
3.	The scaffold has been inspected by a "competent person" as required.	☐	☐	☐
4.	All damaged part(s) of the scaffold have been repaired, replaced or removed as required.	☐	☐	☐
5.	The movement of occupied scaffolds has been prohibited (unless designed by a registered engineer).	☐	☐	☐
6.	Scaffolds and any conductive materials handled on them observe the proper clearances from power lines (see ***fig. 1*** below).	☐	☐	☐
7.	Any slippery conditions have been removed.	☐	☐	☐
8.	Tag lines are in use to control loads hoisted onto or near scaffolds.	☐	☐	☐
9.	(if storms and/or high winds are present) A "competent person" has been consulted and wind screens or personal fall arrests are in use.	☐	☐	☐
10.	Tools, material and debris have been removed from the scaffold to prevent accumulation.	☐	☐	☐
11.	The use of makeshift devices to increase the working level height has been prohibited.	☐	☐	☐
12.	Ladders on top of the scaffold decks have been prohibited (see OSHA CFR 1926.451(f)(15)(i – iv) for criteria that allows for ladders on scaffold decks).	☐	☐	☐
13.	Provisions to prevent platforms from deflecting more than 1/60th of the span have been made.	☐	☐	☐

The clearance between scaffolds and power lines shall be as follows: Scaffolds shall not be erected, used, dismantled, altered, or moved such that they or any conductive material handled on them might come closer to exposed and energized power lines than as follows:

*Insulated Lines

Voltage	Minimum distance	Alternatives
Less than 300 volts.	3 feet (0.9 m)	
300 volts to 50 kv.	10 feet (3.1 m)	
More than 50 kv.....	10 feet (3.1 m) plus 0.4 inches (1.0 cm) for each 1 kv over 50 kv.	2 times the length of the line insulator, but never less than 10 feet (3.1 m).

*Uninsulated lines

Voltage	Minimum distance	Alternatives
Less than 50 kv.....	10 feet (3.1 m).	
More than 50 kv.....	10 feet (3.1 m) plus 0.4 inches (1.0 cm) for each 1 kv over 50 kv.	2 times the length of the line insulator, but never less than 10 feet (3.1 m).

fig. 1

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FALL PROTECTION REFERENCE OSHA CFR 1926.451(g)	YES	NO	N/A
1. Guardrails are in use on all scaffolds over 10-feet in height.	☐	☐	☐
2. Personal fall arrest systems are in use where guardrails are not feasible.	☐	☐	☐
3. Guardrails and mid-rails are installed on all open sides (more than 14-inches from the work surface).	☐	☐	☐
4. Guardrails are installed 38-inches to 45-inches in height.	☐	☐	☐
5. Where mesh or screens are installed, they extend from the top of the guardrail to the platform.	☐	☐	☐
6. The guardrails will withstand 200lbs. in a downward or outward direction	☐	☐	☐
FALLING OBJECT PROTECTION REFERENCE OSHA CFR 1926.451(h)	**YES**	**NO**	**N/A**
1. Falling object hazards have been eliminated in accordance with OSHA CFR 1926.451(h)(1)	☐	☐	☐
2. Toeboards have been installed to prevent falling objects.	☐	☐	☐
3. Where required, screens have been installed to protect employees from falling objects.	☐	☐	☐
4. All toeboards are at least 3½-inches in height.	☐	☐	☐
TUBE AND COUPLER SCAFFOLDS REFERENCE OSHA CFR 1926.452(b)	**YES**	**NO**	**N/A**
1. "**X**" bracing is installed on the ends of the scaffolding, at every 3rd set of posts horizontally and every 4th runner vertically.	☐	☐	☐
2. Ties are installed at the barrier level.	☐	☐	☐
3. Longitudinal bracing is installed at a 45° angles on both faces of the scaffold.	☐	☐	☐
4. Longitudinal bracing is extended from the 1st (left hand) post to the extreme top of the scaffold.	☐	☐	☐
5. (for scaffolds longer than 5 posts) A new line of bracing is begun at every 5th post.	☐	☐	☐
6. The bracing is installed as close as possible to the node point.	☐	☐	☐
7. The barriers are attached to both posts and the inboard coupler rests on the runner coupler.	☐	☐	☐
8. Where the barriers are attached to the runners, the barrier is as close as possible to the posts.	☐	☐	☐
9. The ends of the barrier tube have full contact with the clamp.	☐	☐	☐
10. The runners installed on the inside and outside of the scaffold are at level heights.	☐	☐	☐
11. Where the outside runners are left out, there are mid-rails and guardrails above and below the point where the runners would be.	☐	☐	☐
12. The runners are interlocked and coupled at each post.	☐	☐	☐
13. The bottom runners are as close to the base as possible.	☐	☐	☐
14. The light and medium duty scaffolds have post runners, barriers and braces of 2-inches O.D. steel tubing (see ***fig. 2*** on next page).	☐	☐	☐
15. Posts on light duty scaffolds are spaced no more than 4-feet-x-10-inches apart along the length of the scaffold (see ***fig. 2*** on next page).	☐	☐	☐
16. Posts on medium duty scaffolds are spaced no more than 4-feet-x-7-inches apart along the length of the scaffold (see ***fig. 2*** on next page).	☐	☐	☐
17. The maximum vertical runner spacing is 6-feet 6-inches (see ***fig. 2*** on next page).	☐	☐	☐
18. The maximum number of planked levels, working levels or heights exceeded by those shown in ***fig. 3*** on next page was done by a registered professional engineer.	☐	☐	☐

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Minimum Size of Members

	Light Duty	Medium Duty	Heavy Duty
Maximum Intended Load	25 pounds/foot²	50 pounds/foot²	75 pounds/foot²
Posts, runners, and braces NOTE: Longitudinal diagonal bracing must be installed at an angle of 45° (±5°).	Nominal 2 inches (1.9 inches) OD steel tube or pipe	Nominal 2 inches (1.9 inches) OD steel tube or pipe	Nominal 2 inches (1.9 inches) OD steel tube or pipe
Bearers NOTE: Bearers must be installed in the direction of the shorter dimension.	Nominal 2 inches (1.9 inches) OD steel tube or pipe and a maximum post spacing of 4 feet x 10 feet	Nominal 2 inches (1.9 inches) OD steel tube or pipe and a maximum post spacing of 4 feet x 7 feet or Nominal 2½ inches (2.375 inches) OD steel tube or pipe and a maximum post spacing of 6 feet x 8 feet.	Nominal 2½ inches (2.375 inches) OD steel tube or pipe and a maximum post spacing of 6 feet x 6 feet
Maximum runner spacing vertically	6 feet 6 inches	6 feet 6 inches	6 feet 6 inches

fig. 2

Maximum Number of Planked Levels

Maximum Number of Additional Planked Levels				
	Light Duty	Medium Duty	Heavy Duty	
Number of Working Levels				Maximum Height of Scaffold
1	16	11	6	125 feet
2	11	1	0	125 feet
3	6	0	0	125 feet
4	1	0	0	125 feet

fig. 3

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FABRICATED FRAME SCAFFOLDS REFERENCE OSHA CFR 1926.452(c)	YES	NO	N/A
1. Frames are secured by braces, which secure the vertical members laterally.	☐	☐	☐
2. The braces automatically square and align the frames	☐	☐	☐
3. All brace connections are secured.	☐	☐	☐
4. Frames are joined together by coupling pins or equivalent means.	☐	☐	☐
5. Frames are locked together where uplift may occur.	☐	☐	☐
6. The use of side brackets and their impact on the overall scaffold has been fully evaluated.	☐	☐	☐
7. Scaffolds constructed over 125-feet in height and loaded are done in accordance with the design of a registered professional engineer.	☐	☐	☐

MOBILE SCAFFOLDS REFERENCE OSHA CFR 1926.452(w)	YES	NO	N/A
1. Frames are secured by braces, which secure the vertical members laterally.	☐	☐	☐
2. The braces automatically square and align the frames	☐	☐	☐
3. All brace connections are secured.	☐	☐	☐
4. Scaffolds constructed of tube and clamp also meet the requirements of OSHA CFR 1926.452(b)	☐	☐	☐
5. Scaffolds constructed of frame scaffolding also meet the requirements of OSHA CFR 1926.452(c)	☐	☐	☐
6. Casters are locked during use.	☐	☐	☐
7. The manual force used to move the scaffold is applied as close to the base as possible.	☐	☐	☐
8. Scaffolds are stabilized to prevent tipping during movement.	☐	☐	☐
9. Casters are pinned into the frames or adjustment screws.	☐	☐	☐
10. Rolling scaffolds moved with employees on board, have met all the criteria of OSHA CFR 1926.452(w)(6).	☐	☐	☐

ADDITIONAL COMMENTS/RECOMMENDED ACTIONS

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