

Appendix 28-A Scaffold Inspection Checklist

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

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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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scaffolds that do not meet the 4:1 base to height ratio must be secured to the structure by use of ties (i.e. 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The first vertical tie has been installed at a height less than 4x the minimum base dimension.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The vertical ties have been repeated every 20-feet or less for scaffolds that are 3-feet or less in width.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The vertical ties have been repeated every 26-feet or less for scaffolds that are wider than 3-feet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The vertical distance from the top tie to the top of the scaffold is less than the 4:1 minimum base dimension.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. The ties installed at each end of the scaffold and at horizontal intervals do not exceed 30-feet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Where eccentric loads are imposed, ties have been installed to counteract these loads.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Scaffolds are erected on adequate firm footings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Footings are capable of supporting four times the intended load without settling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. The use of unstable objects has been prohibited for footing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. The scaffold is plumbed and braced to prevent swaying or displacement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Cross braces have been prohibited as a means of access.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Portable, hook-on and attachable ladders meet the specific requirements of OSHA CFR 1926 sub-part X.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Ladders are positioned so as not to tip the scaffold.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The bottom rung is less than 24-inches above the support surface.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. (for hook-on and attachable ladders) Rest platforms are installed every 35-feet in vertical intervals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. The ladders used are specifically designed for use with this particular scaffold.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. The ladders have a minimum rung length of 11½-inches.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. The rung spacing is uniform and there is no more than 16¾-inches between rungs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integral prefabricated scaffold access frames shall conform to the following:			
10. The frame was designed and built for use as an access ladder.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. The rungs are at least 8-inches in length.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. The rungs are uniformly spaced within each frame section.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. The rest platforms are installed every 35-feet in vertical intervals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. The distance between the rungs is less than 16¾-inches.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. The rungs and steps of the ladders line up vertically between the rest decks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Direct access to other structures is prohibited when the distance is more than 24-inches vertically or 14-inches horizontally.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Use of shore or lean-to scaffolds is prohibited.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The scaffold has been inspected by a “competent person” as required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. All damaged part(s) of the scaffold have been repaired, replaced or removed as required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The movement of occupied scaffolds has been prohibited (unless designed by a registered engineer).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Scaffolds and any conductive materials handled on them observe the proper clearances from power lines (see fig. 1 below).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Any slippery conditions have been removed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Tag lines are in use to control loads hoisted onto or near scaffolds.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Tools, material and debris have been removed from the scaffold to prevent accumulation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. The use of makeshift devices to increase the working level height has been prohibited.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Provisions to prevent platforms from deflecting more than $1/60^{\text{th}}$ of the span have been made.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Appendix 28-A Scaffold Inspection Checklist

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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Personal fall arrest systems are in use where guardrails are not feasible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Guardrails and mid-rails are installed on all open sides (more than 14-inches from the work surface).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Guardrails are installed 38-inches to 45-inches in height.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Where mesh or screens are installed, they extend from the top of the guardrail to the platform.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The guardrails will withstand 200lbs. in a downward or outward direction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Toeboards have been installed to prevent falling objects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Where required, screens have been installed to protect employees from falling objects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. All toeboards are at least 3½-inches in height.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 3 rd set of posts horizontally and every 4 th runner vertically.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Ties are installed at the barrier level.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Longitudinal bracing is installed at a 45° angles on both faces of the scaffold.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Longitudinal bracing is extended from the 1 st (left hand) post to the extreme top of the scaffold.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. (for scaffolds longer than 5 posts) A new line of bracing is begun at every 5 th post.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The bracing is installed as close as possible to the node point.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. The barriers are attached to both posts and the inboard coupler rests on the runner coupler.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Where the barriers are attached to the runners, the barrier is as close as possible to the posts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. The ends of the barrier tube have full contact with the clamp.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. The runners installed on the inside and outside of the scaffold are at level heights.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Where the outside runners are left out, there are mid-rails and guardrails above and below the point where the runners would be.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. The runners are interlocked and coupled at each post.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. The bottom runners are as close to the base as possible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. The light and medium duty scaffolds have post runners, barriers and braces of 2-inches O.D. steel tubing (see fig. 2 on nextpage).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 nextpage).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 nextpage).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. The maximum vertical runner spacing is 6-feet 6-inches (see fig. 2 on next page).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Appendix 28-A Scaffold Inspection Checklist Minimum Size of Members

	Light Duty	Medium Duty	Heavy Duty
Maximum Intended Load	25 pounds/foot ²	50 pounds/foot ²	75 pounds/foot ²
Posts, runners, and braces <i>NOTE: Longitudinal diagonal bracing must be installed at an angle of 45° (±5°).</i>	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 <i>NOTE: Bearers must be installed in the direction of the shorter dimension.</i>	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

<i>Maximum Number of Additional Planked Levels</i>				
	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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. The braces automatically square and align the frames	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All brace connections are secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Frames are joined together by coupling pins or equivalent means.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Frames are locked together where uplift may occur.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. The use of side brackets and their impact on the overall scaffold has been fully evaluated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Scaffolds constructed over 125-feet in height and loaded are done in accordance with the design of a registered professional engineer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MOBILE SCAFFOLDS REFERENCE OSHA CFR 1926.452(w)	YES	NO	N/A
1. Frames are secured by braces, which secure the vertical members laterally.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. The braces automatically square and align the frames	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. All brace connections are secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Scaffolds constructed of tube and clamp also meet the requirements of OSHA CFR 1926.452(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Scaffolds constructed of frame scaffolding also meet the requirements of OSHA CFR 1926.452(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Casters are locked during use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. The manual force used to move the scaffold is applied as close to the base as possible.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Scaffolds are stabilized to prevent tipping during movement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Casters are pinned into the frames or adjustment screws.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Rolling scaffolds moved with employees on board, have met all the criteria of OSHA CFR 1926.452(w)(6).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ADDITIONAL COMMENTS/RECOMMENDED ACTIONS			