

OSHA Compliance Checklist

Mobile Work Platforms and Mobile Ladder Stands

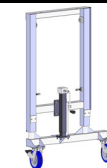
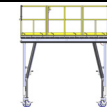
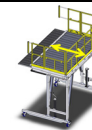
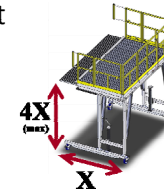
Equipment:



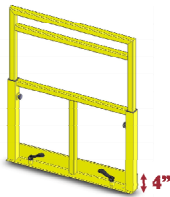

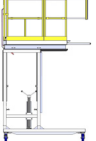
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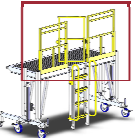

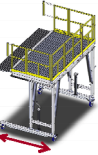
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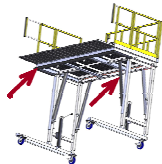

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Requirement		Pass	Fail	Modify?
1	1910.29(a)(2)(ii)(b) All ladder stands and scaffolds shall be capable of supporting at least four times the design working load.			
2	1910.29(a)(2)(v) All exposed surfaces shall be free from sharp edges, burrs or other safety hazards.			
Dimensions				
3	1910.29(a)(3)(i) The maximum work level height shall not exceed four (4) times the minimum or least base dimensions of any mobile ladder stand or scaffold. Where the basic mobile unit does not meet this requirement, suitable outrigger frames shall be employed to achieve this least base dimension, or provisions shall be made to guy or brace the unit against tipping.			
4	1910.29(a)(3)(ii) The minimum platform width for any work level shall not be less than 20 inches for mobile scaffolds (towers). Ladder stands shall have a minimum step width of 16 inches.			
Bracing				
5	1910.29(a)(3)(iii) The supporting structure for the work level shall be rigidly braced, using adequate cross bracing or diagonal bracing with rigid platforms at each work level.			
Actuation				
6	1910.29(a)(4)(iii) Where leveling of the elevated work platform is required, screw jacks or other suitable means for adjusting the height shall be provided in the base section of each mobile unit.			



Requirement		Pass	Fail	Modify?
7	<p>1910.23(c)(1) Every open-sided floor or platform 4 feet or more above adjacent floor or ground level shall be guarded by a standard railing (or the equivalent as specified in paragraph (e)(3) of this section) on all open sides except where there is entrance to a ramp, stairway, or fixed ladder. The railing shall be provided with a toeboard wherever, beneath the open sides, persons can pass, there is moving machinery, or there is equipment with which falling materials could create a hazard.</p>			
8	<p>1910.23(e)(1) A standard railing shall consist of top rail, intermediate rail, and posts, and shall have a vertical height of 42 inches nominal from upper surface of top rail to floor, platform, runway, or ramp level. The top rail shall be smooth-surfaced throughout the length of the railing. The intermediate rail shall be approximately halfway between the top rail and the floor, platform, runway, or ramp. The ends of the rails shall not overhang the terminal posts except where such overhang does not constitute a projection hazard.</p>			
9	<p>1910.23(e)(4) A standard toeboard shall be 4 inches nominal in vertical height from its top edge to the level of the floor, platform, runway, or ramp. It shall be securely fastened in place and with not more than 1/4-inch clearance above floor level. It may be made of any substantial material either solid or with openings not over 1 inch in greatest dimension. Where material is piled to such height that a standard toeboard does not provide protection, paneling from floor to intermediate rail, or to top rail shall be provided.</p>			
10	<p>1910.23(e)(3)(v) Various types, sizes, and arrangements of railing construction are acceptable provided they meet the following conditions: (1) a smooth-surfaced top rail at a height above floor, platform, runway, or ramp level of 42 inches nominal; (2) strength to withstand at least the minimum requirement of 200 pounds pressure applied in any direction on the top rail; and (3) protection between top rail and floor, platform, runway, ramp, or stair treads, equivalent at least to that afforded by a standard intermediate rail.</p>			
11	<p>1910.23(e)(6) All handrails and railings shall be provided with a clearance of not less than 3 inches between the handrail or railing and any other object.</p>			
12	<p>*If the platform has sliders, ensure extension handrails are available to provide complete fall protection with sliders extended.</p>			

Requirement		Pass	Fail	Modify?
13	*If the platform is used against a surface that doesn't provide complete fall protection, ensure additional handrails may be easily attached to the front of the platform to provide that protection.			
Entry/Exit Stairs and Ladders				
14	1910.23(e)(2) A stair railing shall be of construction similar to a standard railing but the vertical height shall be not more than 34 inches nor less than 30 inches from upper surface of top rail to surface of tread in line with face of riser at forward edge of tread.			
15	1910.23(a)(2) Every ladderway floor opening or platform shall be guarded by a standard railing with standard toeboard on all exposed sides (except at entrance to opening), with the passage through the railing either provided with a swinging gate or so offset that a person cannot walk directly into the opening.			
16	1910.29(a)(3)(viii) A climbing ladder or stairway shall be provided for proper access and egress, and shall be affixed or built into the scaffold and so located that its use will not have a tendency to tip the scaffold. A landing platform shall be provided at intervals not to exceed 30 feet.			
17	1910.23(d)(1) Every flight of stairs having four or more risers shall be equipped with standard stair railings or standard handrails as specified in paragraphs (d)(1)(i) through (v) of this section.			
Casters				
18	1910.29(a)(4)(i) Wheels or casters shall be properly designed for strength and dimensions to support four (4) times the design working load.			
19	1910.29(a)(4)(ii) All scaffold casters shall be provided with a positive wheel and/or swivel lock to prevent movement. Ladder stands shall have at least two (2) of the four (4) casters and shall be of the swivel type.			
Mobile Work Platforms Only				
20	1910.29(e)(2) "Base width." The minimum width of the base of mobile work platforms shall not be less than 20 inches.			

Requirement			Pass	Fail	Modify?
MOBILE WORK PLATFORMS ONLY CONTINUED					
21	*If users will be working under the platform, ensure protection is in place to protect their head and limbs from injury in case of contact with the platform.				
Mobile Ladder Stands Only					
22	1910.29(a)(3)(iv) The steps of ladder stands shall be fabricated from slip resistant treads.				
23	1910.29(f)(2) "Base width." The minimum base width shall conform to paragraph (a)(3)(i) of this section. The maximum length of the base section shall be the total length of combined steps and top assembly, measured horizontally, plus five-eighths inch per step of rise.				
24	1910.29(f)(3) "Steps." Steps shall be uniformly spaced, and sloped, with a rise of not less than nine (9) inches, nor more than ten (10) inches, and a depth of not less seven (7) inches. The slope of the steps section shall be a minimum of fifty-five (55) degrees and a maximum of sixty (60) degrees measured from the horizontal.				

Source: OSHA 1910.23 and 1910.29

<https://www.osha.gov>

*Not specified by OSHA but recommended by Spika

For more information about work platforms and OSHA compliance, contact:

Spika Welding & Manufacturing

www.spikawelding.com

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