Trigger Heights & Widths for Fall Protection (FP) & Related Issues in Construction (§1926)

1" Max spacing between scaffold planks: 451(b)(1)(i)
2" Size of floor hole requiring protection: 500(b) & 751
3" Max horiz distance from face-outtrigger scaffold: 451(b)(3)(i)
3½' Min height of toeboards for falling object protection: 502(j)(3)
6" Min end lap on scaffold planks without cleats/etc.: 451(b)(4)
8" Min width of an integral prefabricated scaffold ladder rung: 451(e)(6)(ii)
9½" Max distance between scaffold platform & uprights if >1" necessary: 451(b)(1)(ii)
12" Min width scaffold platform/walkway-ladder jack, top plate bracket, roof bracket, pump jack: 451(b)(2)(ii)
12" Min overlap of scaffold plank ends when overlapped: 451(b)(5)
12" Min dimension of a walking/working surface opening in steel erection: 751
14" Max spacing between rungs on ladders: 1053(a)(3)(i)
14" Max horiz distance from face-most scaffold platforms (without guardrails on inside or PFAS): 451(b)(3)
16½" Max spacing between rungs on prefabricated scaffold access frames: 451(e)(6)(vi)
18" Max horiz distance from face-scaffolds for plastering/lathing: 451(b)(3)(ii)
18" Max step-across distance for access between scaffold and other surface: 451(e)(8)
18" Min width of scaffold platform/walkway (with exceptions see 12" above): 451(b)(2)
≤ 18" Max width of openings in walls without protection: 500(b)
19" Max width of an opening in a midrail baluster: 502(b)(2)(iv)
19" Max break in elevation without a step, ramp, etc: 1051(a)
21" Guardrail system requires midrail unless wall or parapet this height: 502(b)(2)
24" Max vertical distance for access between scaffold and other surface: 451(e)(8)
> 24" Change in vertical distance requires safe access onto scaffold platform: 451(e)(1)
20-30" Crossing point of braces used as a mid-rail on scaffolds: 451(g)(4)(xv)
30'h x 18"w Definition of opening in wall/partition if can fall through to lower level: 500(b)
34" Min height of a warning line: 502(j)(2)(ii)
36" Height an access ladder must extend above an upper level without a hand hold platform: 1053(b)(1)
38" Min height of scaffold top-rail guardrails: 451(g)(4)(ii)
38-48" Crossing point of braces used as top rail on scaffolds: 451(g)(4)(xv)
< 39" Height above walking/working surface at which wall opening requires fall protection if 6' fall: 501(b)(14)
39" Min height of a control line marking a Controlled Access Zone: 502(g)(3)(ii)
39" Max height of a warning line: 502(j)(2)(ii)
42" (3.5') Max deceleration distance for PFAS: 502(d)(16)(iv)
42" & 3" Height of parapet wall or top rail of a guardrail system or its equivalent: 502(b)(1)
45" Max height of a control line marking a Controlled Access Zone: 502(g)(3)(ii)
< 6' Guardrail or equipment guard if fall hazard into/onto dangerous equipment: 501(b)(8)(i)
≥ 6' FP per 501: on exposed sides/edges (b)(1), leading edges (b)(2), hoist areas (b)(3), holes/skylights (b)(4), forms or steel reinforcing (b)(5), ramps, runways, other walkways (b)(6), obscured excavation (b)(7)(i), well, pit, shaft, similar excavations (b)(7)(ii), above dangerous equipment (b)(8)(ii), overhand bricklaying (b)(9), roofing low-sloped roof (b)(10), steep roof (b)(11), precast concrete (b)(12), residential construction (b)(13)
6' Min distance of warning lines to edges-roofing work (no mechanized equipment): 502(j)(1)(i)
6' Max free fall distance for PFAS: 502(d)(16)(iii)
8' Max spacing of posts on a 2"x4" guardrail system: Subpart M Appendix B(1)
9½' Can fall before being fully stopped by typical PFAS: 502(d)(16)(iii, iv, v)
10' Min distance of warning lines to edges for roofing work (with mechanized equipment): 502(j)(1)(ii)
> 10' Scaffold platforms require guardrails or use of PFAS: 451(g)(1)
15' Min distance of warning lines to edges-other than roofing work: letter of interpretation dated 8/1/00
>15' Steel erection except deckers in CDZ & connectors: 760(a)(1)
>15' up to30' Steel erection deckers may use CDZ if meet conditions: 760(c)
>15' up to30' Steel erection connectors must wear PFAS: 760(b)(3)
≤ 24' Fixed ladder-cage, well, ladder safety device, or SRL: 1053(a)(18)
> 24' Fixed ladder-ladder safety device, SRL & rest platforms 150', or cage/well & sections 50': 1053(a)(19)
> 24' FP required if climbing vertical steel reinforcing: letter of interpretation dated 5/19/1997
≤ 30' Max distance for fall into safety net: 502(c)(1)
35' Max height of scaffold ladders without rest platforms: 451(e)(2)(iii)
None FP not required on portable ladders: letter of interpretation dated 1/13/2000