

feet 6 inches, outrigger beams shall be composed of stronger beams or multiple beams.

(r) *Catenary scaffolds.* (1) Maximum intended load—500 lbs.

(2) Not more than two employees shall be permitted on the scaffold at one time.

(3) Maximum capacity of come-along shall be 2,000 lbs.

(4) Vertical pickups shall be spaced not more than 50 feet apart.

(5) Ropes shall be equivalent in strength to at least ½ inch (1.3 cm) diameter improved plow steel wire rope.

(s) *Float (ship) scaffolds.* (1) Maximum intended load—750 lbs.

(2) Platforms shall be made of ¾ inch plywood, equivalent in rating to American Plywood Association Grade B-B, Group I, Exterior.

(3) Bearers shall be made from 2x4 inch, or 1x10 inch rough lumber. They shall be free of knots and other flaws.

(4) Ropes shall be equivalent in strength to at least 1 inch (2.5 cm) diameter first grade manila rope.

(t) *Interior hung scaffolds.*

Bearers (use on edge): 2x10 in.

Maximum intended load: Maximum span

25 lb/ft.<sup>2</sup>: 10 ft.

50 lb/ft.<sup>2</sup>: 10 ft.

75 lb/ft.<sup>2</sup>: 7 ft.

(u) *Needle beam scaffolds.*

Maximum intended load: 25 lb/ft.<sup>2</sup>

Beams: 4x6 in.

Maximum platform span: 8 ft.

Maximum beam span: 10 ft.

(1) Ropes shall be attached to the needle beams by a scaffold hitch or an eye splice. The loose end of the rope shall be tied by a bowline knot or by a round turn and a half hitch.

(2) Ropes shall be equivalent in strength to at least 1 inch (2.5 cm) diameter first grade manila rope.

(v) *Multi-level suspension scaffolds.* No additional guidelines or tables are being given for these scaffolds.

(w) *Mobile Scaffolds.* Stability test as described in the ANSI A92 series documents, as appropriate for the type of scaffold, can be used to establish stability for the purpose of §1926.452(w)(6).

(x) *Repair bracket scaffolds.* No additional guidelines or tables are being given for these scaffolds.

(y) *Stilts.* No specific guidelines or tables are given.

(z) *Tank builder's scaffold.*

(1) The maximum distance between brackets to which scaffolding and guardrail supports are attached shall be no more than 10 feet 6 inches.

(2) Not more than three employees shall occupy a 10 feet 6 inch span of scaffold planking at any time.

(3) A taut wire or synthetic rope supported on the scaffold brackets shall be installed at the scaffold plank level between the innermost edge of the scaffold platform and the curved plate structure of the tank shell to serve as a safety line in lieu of an inner guardrail assembly where the space between the scaffold platform and the tank exceeds 12 inches (30.48 cm). In the event the open space on either side of the rope exceeds 12 inches (30.48 cm), a second wire or synthetic rope appropriately placed, or guardrails in accordance with §1926.451(e)(4), shall be installed in order to reduce that open space to less than 12 inches (30.48 cm).

(4) Scaffold planks of rough full-dimensioned 2-inch (5.1 cm)x12-inch (30.5 cm) Douglas Fir or Southern Yellow Pine of Select Structural Grade shall be used. Douglas Fir planks shall have a fiber stress of at least 1900 lb/in<sup>2</sup> (130,929 n/cm<sup>2</sup>) and a modulus of elasticity of at least 1,900,000 lb/in<sup>2</sup> (130,929,000 n/cm<sup>2</sup>), while Yellow Pine planks shall have a fiber stress of at least 2500 lb/in<sup>2</sup> (172,275 n/cm<sup>2</sup>) and a modulus of elasticity of at least 2,000,000 lb/in<sup>2</sup> (137,820,000 n/cm<sup>2</sup>).

(5) Guardrails shall be constructed of a taut wire or synthetic rope, and shall be supported by angle irons attached to brackets welded to the steel plates. These guardrails shall comply with §1926.451(e)(4). Guardrail supports shall be located at no greater than 10 feet 6 inch intervals.

(NON-MANDATORY) APPENDIX B TO SUBPART L OF PART 1926—CRITERIA FOR DETERMINING THE FEASIBILITY OF PROVIDING SAFE ACCESS AND FALL PROTECTION FOR SCAFFOLD ERECTORS AND DISMANTLERS [RESERVED]

(NON-MANDATORY) APPENDIX C TO SUBPART L OF PART 1926—LIST OF NATIONAL CONSENSUS STANDARDS

ANSI/SIA A92.2-1990 *Vehicle-Mounted Elevating and Rotating Aerial Devices*

ANSI/SIA A92.3-1990 *Manually Propelled Elevating Aerial Platforms*

ANSI/SIA A92.5-1990 *Boom Supported Elevating Work Platforms*

ANSI/SIA A92.6-1990 *Self-Propelled Elevating Work Platforms*

ANSI/SIA A92.7-1990 *Airline Ground Support Vehicle-Mounted Vertical Lift Devices*

ANSI/SIA A92.8-1993 *Vehicle-Mounted Bridge Inspection and Maintenance Devices*

ANSI/SIA A92.9-1993 *Mast-Climbing Work Platforms*