

**GI Part 5. Scaffolding
Compared With
29 C.F.R. Subpart D – Walking-Working Surfaces:
1910.28 Safety Requirements for Scaffolding
1910.66 Powered Platforms for Building Maintenance**

Summary: The significant differences between GI Part 5. Scaffolding and 29 C.F.R. 1910.28 Safety Requirements for Scaffolding and 1910.66 Powered Platforms for Building Maintenance are in:

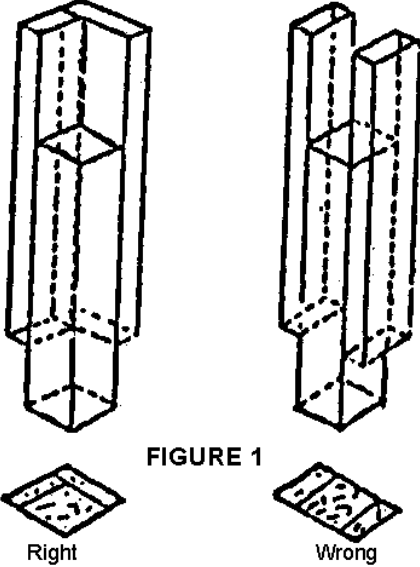
- General requirements
- Planking
- Construction
- Wood pole scaffolds generally
- Independent pole scaffold, specific
- Single pole scaffold, specific
- Suspension scaffolding
- Swinging scaffolds
- Outrigger scaffolds
- Horse scaffolds
- Ladder jack scaffolds.
- Carpenter’s bracket scaffold
- Needle beam scaffold
- Manufactured scaffolding, general
- Tube and coupler-type scaffolding
- Mobile scaffolds.
- Wire rope scaffolding
- Powered and manual mobile elevating platforms.
- Hydraulic and pneumatic systems
- Powered platforms
 - Intermittent stabilization systems
 - Roof cars; carriages; suspension methods
 - Controls and interlocks
 - Safety factors
 - Working platforms
 - Inspections and tests
 - Maintenance
- Hoisting machines;
- Wire, fiber, and synthetic rope
 - Wire rope; reinforcement; use of metal thimble, end fittings; requirements for use of wire clips; cutting preparation; lubrication;
 - Fiber rope; inspection; storage; drying of wet rope; use prohibited under certain conditions; replacement; use of thimble.
 - Synthetic rope; inspection; condition of use; replacement; use of thimble.

The comparisons show only those provisions where MIOSHA rules are different than OSHA or where MIOSHA rules are not included in 29 C.F.R.

****means there is a comparable OSHA rule to this paragraph

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10511. General requirements. Rule 511. (1) to (9)****</p> <p>(10) Scaffolding endangered by a truck or other moving equipment shall be protected by a warning device, or barrier, or both.</p> <p>(11) A scaffold shall not be altered or moved horizontally while it is in use or is being occupied unless the scaffold is specifically designed for occupied horizontal travel.</p> <p>(12)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10512. Planking. Rule 512. (1) to (4)****</p> <p>(5) A manufactured plank, or pick, shall be used as prescribed in the manufacturer's instructions.</p> <p>(6) to (8)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10513. Construction. Rule 513. (1) to (6)****</p> <p>(7) Instead of the requirements for a stair, fixed ladder, or portable ladder, the intermediate horizontal members of a frame of a manufactured tubular welded frame scaffold may be used for access to, and egress from, the work platform if all of the following conditions are met:</p> <p>(a) All frames and component parts are compatible in design.</p> <p>(b) The intermediate horizontal members of a frame are a minimum of 16 inches in length.</p> <p>(c) The horizontal members of each frame shall be uniformly spaced and shall not exceed 17 inches center to center vertically.</p> <p>(d) When frames are connected vertically to one another, the distance between the bottom horizontal member of the upper end frame and the top horizontal member of the lower end frame shall be within 3 inches of the uniform spacing of the horizontal members of each frame.</p> <p>(e) The elevation to the lowest horizontal member of the bottom frame shall not exceed 21 inches from ground or floor.</p> <p>(f) Each horizontal member shall be capable of supporting 300 pounds applied at the member's midpoint without bending or cracking.</p> <p>(g) Each horizontal member shall be inspected for, and found free of cracks, bends, or bad welds.</p> <p>(h) The guardrail system located on the side where horizontal members of the scaffold frame are used for access to or egress from, a work platform shall be constructed as follows:</p> <p>(i) The intermediate rail shall be omitted between the corner posts at access location.</p> <p>(ii) The top rail shall be continuous between posts.</p> <p>(iii) Only 1 employee at a time shall use a horizontal member of a frame as access to, or egress from, the workstation.</p> <p>(8) to (10)****</p> <p>(11) Construction and attachment of a scaffold shall be such that there is no direct pull on the fasteners.</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING	OSHA
BUILT-UP SCAFFOLDS	
<p>R 408.10521. Wood pole scaffolds generally. Rule 521. (1) to (2)****</p> <p>(3) Ledgers shall overlap the poles at each end by not less than 4 inches, be level, and be nailed to the inside of the poles. A ledger shall not be nailed less than 1 inch to the top edge.</p> <p>(4) Two ledgers meeting at a pole shall be nailed to each other, and 2 ledgers meeting at a corner shall have 1 cut flush to the pole and the other nailed on the outside and overlap.</p> <p>(5) to (6)****</p> <p>(7) Successive lengths of planking shall not abut on a single bearer and, where planks abut, 2 bearers shall be placed not more than 8 inches apart.</p> <p>(8) to (12)****</p> <p>(13) Figure 1 reads as follows:</p> <div style="text-align: center;">  <p>FIGURE 1</p> <p>Right Wrong</p> </div>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING**OSHA**

(14) Table 2 reads as follows:

TABLE 2**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Light Duty**

	Maximum height of scaffold	
	20 ft.	60 ft.
Uniformly distributed load	Not to exceed 25 p.s.f.	
Poles or uprights	2 x 4 in.	4 x 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.	10 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.	5 ft. 0 in.
Bearers of putlogs to 3 ft. 0 in. width	2 x 4 in.	2 x 4 in.
Bearers of putlogs to 5 ft. 0 in. width	2 x 6 in. or 3x4 in.	2 x 6 in. or 3 x 4 in. (rough)
Ledgers	1 x 4 in.	1 1/4 x 9 in. (rough)
Planking	2 x 10 in. (rough)	2 x 10 in.
Vertical spacing of horizontal members	7 ft. 0 in.	7 ft. 0 in.
Bracing, horizontal and diagonal	1 x 4 in.	1 x 4 in.
Tie-ins	1 x 4 in.	1 x 4 in.
Toeboards	4 in. high (min.)	4 in. high (min.)
Guardrail	2 x 4 in.	2 x 4 in.

All members except planking are used on edge.

TABLE D-7**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Light Duty**

	Maximum height of scaffold	
	20 ft.	60 ft.
Uniformly distributed load	Not to exceed 25 pounds per square foot	
Poles or uprights	2 by 4 in.	4 by 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.	10 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.	5 ft. 0 in.
Bearers of putlogs to 3 ft. 0 in. width	2 by 4 in.	2 by 4 in.
Bearers of putlogs to 5 ft. 0 in. width	2 by 6 in. or 3 by 4 in.	2 by 6 in. or 3 by 4 in. (rough)
Ledgers	1 by 4 in.	1 1/4 by 9 in.
Planking	1 1/4 by 9 in. (rough)	2 by 9 in.
Vertical spacing of horizontal members	7 ft. 0 in.	7 ft. 0 in.
Bracing, horizontal and diagonal	1 by 4 in.	1 by 4 in.
Tie-ins	1 by 4 in.	1 by 4 in.
Toeboards	4 in. high (min.)	4 in. high (min.)
Guardrail	2 by 4 in.	2 by 4 in.

All members except planking are used on edge.

This row is different in MIOSHA

GI PART 5. SCAFFOLDING**OSHA**

(15) Table 3 reads as follows:

TABLE 3**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Medium Duty**

Uniformly distributed load	Not to exceed 50 p.s.f.
Maximum height of scaffold	60 ft.
Poles or uprights	4 x 4 in.
Pole spacing (longitudinal)	8 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.
Bearers or putlogs	2 x 10 in. or 3 x 4 in.
Spacing of bearers or putlogs	8 ft. 0 in.
Ledgers	2 x 10 in.
Vertical spacing of horizontal members	9 ft. 0 in.
Bracing, horizontal	1 x 6 in or 1 1/4 x 4 in.
Bracing, diagonal	1 x 4 in.
Tie-ins	1 x 4 in
Planking	2 x 9 in.
Toeboards	4 in. high (minimum)
Guardrail	2 x 4 in.

All members except planking are used on edge.

TABLE D-8**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Medium Duty**

Uniformly distributed load	Not to exceed 50 pounds per square foot
Maximum height of scaffold	60 ft.
Poles or uprights	4 by 4 in.
Pole spacing (longitudinal)	8 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.
Bearers or putlogs	2 by 9 in. or 3 by 4 in.
Spacing of bearers or putlogs	8 ft. 0 in.
Ledgers	2 by 9 in.
Vertical spacing of horizontal members	9 ft. 0 in.
Bracing, horizontal	1 by 6 in or 1 1/4 by 4 in.
Bracing, diagonal	1 by 4 in.
Tie-ins	1 by 4 in
Planking	2 by 9 in.
Toeboards	4 in. high (minimum)
Guardrail	2 by 4 in.

All members except planking are used on edge.

These rows are different in MIOSHA

GI PART 5. SCAFFOLDING**OSHA**

(16) Table 4 reads as follows:

TABLE 4**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Heavy Duty**

Uniformly distributed load	Not to exceed 75 p.s.f.
Maximum height of scaffold	60 ft.
Poles or uprights	4 x 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.
Bearers or putlogs	2 x 10 in. or 3 x 5 in. (rough)
Spacing of bearers or putlog	6 ft. 0 in.
Ledgers	2 x 10 in.
Vertical spacing of horizontal members	6 ft. 6 in.
Bracing, horizontal and diagonal	2 x 4 in.
Tie-ins	1 x 4 in.
Planking	2 x 10 in.
Toeboards	4 in. high (minimum)
Guardrail	2 x 4 in.

All members except planking are used on edge.

TABLE D-9**Minimum Nominal Size and Maximum Spacing of Members of Single Pole Scaffolds Heavy Duty**

Uniformly distributed load	Not to exceed 75 pounds per square foot
Maximum height of scaffold	60 ft.
Poles or uprights	4 by 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.
Maximum width of scaffold	5 ft. 0 in.
Bearers or putlogs	2 by 9 in. or 3 by 5 in. (rough)
Spacing of bearers or putlog	6 ft. 0 in.
Ledgers	2 by 9 in.
Vertical spacing of horizontal members	6 ft. 6 in.
Bracing, horizontal and diagonal	2 by 4 in.
Tie-ins	1 by 4 in.
Planking	2 by 9 in.
Toeboards	4 in. high (minimum)
Guardrail	2 by 4 in.

All members except planking are used on edge.

These rows are different in MIOSHA

GI PART 5. SCAFFOLDING**OSHA**

(17) Table 5 reads as follows:

TABLE 5**Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Light Duty**

	Maximum height of scaffold	
	20 ft.	60 ft.
Uniformly distributed load	Not to exceed 25 p.s.f.	
Poles or uprights	2 x 4 in.	4 x 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.	10 ft. 0 in.
Pole spacing (transverse)	6 ft. 0 in.	10 ft. 0 in.
Ledgers	1 1/4 x 4 in.	1 1/4 x 9 in.
Bearers to 3 ft. 0 in. span	2 x 4 in.	2 x 4 in.
Bearers to 10 ft. 0 in. span	2 x 6 in. or 3 x 4 in.	2 x 9 (rough) or 3 x 8 in.
Planking	1 1/4 x 9 in. (rough)	2 x 10 in.
Vertical spacing of horizontal members	7 ft. 0 in.	7 ft. 0 in.
Bracing horizontal and diagonal	1 x 4 in.	1 x 4 in.
Tie-ins	1 x 4 in.	1 x 4 in.
Toeboards	4 in. high	4 in. high (min.)
Guardrail	2 x 4 in.	2 x 4 in.

All members except planking are used on edge.

TABLE D-10**Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Light Duty**

	Maximum height of scaffold	
	20 ft.	60 ft.
Uniformly distributed load	Not to exceed 25 pounds per square foot.	
Poles or uprights	2 by 4 in.	4 by 4 in.
Pole spacing (longitudinal)	6 ft. 0 in.	10 ft. 0 in.
Pole spacing (transverse)	6 ft. 0 in.	10 ft. 0 in.
Ledgers	1 1/4 by 4 in.	1 1/4 by 9 in.
Bearers to 3 ft. 0 in. span	2 by 4 in.	2 by 4 in.
Bearers to 10 ft. 0 in. span	2 by 6 in. or 3 by 4 in.	2 by 9 (rough) or 3 by 8 in.
Planking	1 1/4 by 9 in. (rough)	2 by 9 in.
Vertical spacing of horizontal members	7 ft. 0 in.	7 ft. 0 in.
Bracing horizontal and diagonal	1 by 4 in.	1 by 4 in.
Tie-ins	1 by 4 in.	1 by 4 in.
Toeboards	4 in. high	4 in. high (min.)
Guardrail	2 by 4 in.	2 by 4 in.

All members except planking are used on edge.

These rows are different in MIOSHA

GI PART 5. SCAFFOLDING**OSHA**

(18) Table 6 reads as follows:

TABLE 6**Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Medium Duty**

Uniformly distributed load	Not to exceed 50 p.s.f.
Maximum height of scaffold	60 ft.
Poles or uprights	4 x 4 in.
Pole spacing (longitudinal)	8 ft. 0 in.
Pole spacing (transverse)	8 ft. 0 in.
Ledgers	2 x 10 in.
Vertical spacing of horizontal members	6 ft. 0 in.
Spacing of bearers	8 ft. 0 in.
Bearers	2 x 10 in. (rough) or 2 x 10 in.
Bracing, horizontal	1 x 6 in. or 1 1/4 x 4 in.
Bracing, diagonal	1 x 4 in.
Tie-ins	1 x 4 in.
Planking	2 x 10 in.
Toeboards	4 in. high (min.)
Guardrail	2 x 4 in.

All members except planking are used on edge.

TABLE D-11**Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Medium Duty**

Uniformly distributed load	Not to exceed 50 pounds per square foot
Maximum height of scaffold	60 ft.
Poles or uprights	4 by 4 in.
Pole spacing (longitudinal)	8 ft. 0 in.
Pole spacing (transverse)	8 ft. 0 in.
Ledgers	2 by 9 in.
Vertical spacing of horizontal members	6 ft. 0 in.
Spacing of bearers	8 ft. 0 in.
Bearers	2 by 9 in. (rough) or 2 by 10 in.
Bracing, horizontal	1 by 6 in. or 1 1/4 by 4 in.
Bracing, diagonal	1 by 4 in.
Tie-ins	1 by 4 in.
Planking	2 by 9 in.
Toeboards	4 in. high (minimum)
Guardrail	2 by 4 in.

All members except planking are used on edge.

These rows are different in MIOSHA

GI PART 5. SCAFFOLDING	OSHA																																																								
<p>(19) Table 7 reads as follows:</p> <table border="1" data-bbox="107 222 786 1304"> <thead> <tr> <th colspan="2" data-bbox="107 222 786 453"> TABLE 7 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty </th> </tr> </thead> <tbody> <tr> <td data-bbox="107 453 448 527">Uniformly distributed load</td> <td data-bbox="448 453 786 527">Not to exceed 75 p.s.f.</td> </tr> <tr> <td data-bbox="107 527 448 600">Maximum height of scaffold</td> <td data-bbox="448 527 786 600">60 ft.</td> </tr> <tr> <td data-bbox="107 600 448 663">Poles or uprights</td> <td data-bbox="448 600 786 663">4 x 4 in.</td> </tr> <tr> <td data-bbox="107 663 448 726">Pole spacing (longitudinal)</td> <td data-bbox="448 663 786 726">6 ft. 0 in.</td> </tr> <tr> <td data-bbox="107 726 448 800">Pole spacing (transverse)</td> <td data-bbox="448 726 786 800">8 ft. 0 in.</td> </tr> <tr> <td data-bbox="107 800 448 863">Ledgers</td> <td data-bbox="448 800 786 863">2 x 10 in.</td> </tr> <tr> <td data-bbox="107 863 448 936">Vertical spacing of horizontal members</td> <td data-bbox="448 863 786 936">4 ft. 6 in.</td> </tr> <tr> <td data-bbox="107 936 448 989">Bearers</td> <td data-bbox="448 936 786 989">2 x 10 in. (rough)</td> </tr> <tr> <td data-bbox="107 989 448 1062">Bracing, horizontal and diagonal</td> <td data-bbox="448 989 786 1062">2 x 4 in.</td> </tr> <tr> <td data-bbox="107 1062 448 1125">Tie-ins</td> <td data-bbox="448 1062 786 1125">1 x 4 in.</td> </tr> <tr> <td data-bbox="107 1125 448 1188">Planking</td> <td data-bbox="448 1125 786 1188">2 x 10 in.</td> </tr> <tr> <td data-bbox="107 1188 448 1251">Toeboards</td> <td data-bbox="448 1188 786 1251">4 in. high (min.)</td> </tr> <tr> <td data-bbox="107 1251 448 1304">Guardrail</td> <td data-bbox="448 1251 786 1304">2 x 4 in.</td> </tr> </tbody> </table> <p>All members except planking are used on edge.</p>	TABLE 7 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty		Uniformly distributed load	Not to exceed 75 p.s.f.	Maximum height of scaffold	60 ft.	Poles or uprights	4 x 4 in.	Pole spacing (longitudinal)	6 ft. 0 in.	Pole spacing (transverse)	8 ft. 0 in.	Ledgers	2 x 10 in.	Vertical spacing of horizontal members	4 ft. 6 in.	Bearers	2 x 10 in. (rough)	Bracing, horizontal and diagonal	2 x 4 in.	Tie-ins	1 x 4 in.	Planking	2 x 10 in.	Toeboards	4 in. high (min.)	Guardrail	2 x 4 in.	<table border="1" data-bbox="846 222 1524 1304"> <thead> <tr> <th colspan="2" data-bbox="846 222 1524 453"> TABLE D-12 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty </th> </tr> </thead> <tbody> <tr> <td data-bbox="846 453 1183 527">Uniformly distributed load</td> <td data-bbox="1183 453 1524 527">Not to exceed 75 pounds per square foot</td> </tr> <tr> <td data-bbox="846 527 1183 600">Maximum height of scaffold</td> <td data-bbox="1183 527 1524 600">60 ft.</td> </tr> <tr> <td data-bbox="846 600 1183 663">Poles or uprights</td> <td data-bbox="1183 600 1524 663">4 by 4 in.</td> </tr> <tr> <td data-bbox="846 663 1183 726">Pole spacing (longitudinal)</td> <td data-bbox="1183 663 1524 726">6 ft. 0 in.</td> </tr> <tr> <td data-bbox="846 726 1183 800">Pole spacing (transverse)</td> <td data-bbox="1183 726 1524 800">8 ft. 0 in.</td> </tr> <tr> <td data-bbox="846 800 1183 863">Ledgers</td> <td data-bbox="1183 800 1524 863">2 by 9 in.</td> </tr> <tr> <td data-bbox="846 863 1183 936">Vertical spacing of horizontal members</td> <td data-bbox="1183 863 1524 936">4 ft. 6 in.</td> </tr> <tr> <td data-bbox="846 936 1183 989">Bearers</td> <td data-bbox="1183 936 1524 989">2 by 9 in. (rough)</td> </tr> <tr> <td data-bbox="846 989 1183 1062">Bracing, horizontal and diagonal</td> <td data-bbox="1183 989 1524 1062">2 by 4 in.</td> </tr> <tr> <td data-bbox="846 1062 1183 1125">Tie-ins</td> <td data-bbox="1183 1062 1524 1125">1 by 4 in.</td> </tr> <tr> <td data-bbox="846 1125 1183 1188">Planking</td> <td data-bbox="1183 1125 1524 1188">2 by 9 in.</td> </tr> <tr> <td data-bbox="846 1188 1183 1251">Toeboards</td> <td data-bbox="1183 1188 1524 1251">4 in. high (min.)</td> </tr> <tr> <td data-bbox="846 1251 1183 1304">Guardrail</td> <td data-bbox="1183 1251 1524 1304">2 by 4 in.</td> </tr> </tbody> </table> <p>All members except planking are used on edge.</p> <p style="text-align: center;">This row is different in MIOSHA</p>	TABLE D-12 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty		Uniformly distributed load	Not to exceed 75 pounds per square foot	Maximum height of scaffold	60 ft.	Poles or uprights	4 by 4 in.	Pole spacing (longitudinal)	6 ft. 0 in.	Pole spacing (transverse)	8 ft. 0 in.	Ledgers	2 by 9 in.	Vertical spacing of horizontal members	4 ft. 6 in.	Bearers	2 by 9 in. (rough)	Bracing, horizontal and diagonal	2 by 4 in.	Tie-ins	1 by 4 in.	Planking	2 by 9 in.	Toeboards	4 in. high (min.)	Guardrail	2 by 4 in.
TABLE 7 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty																																																									
Uniformly distributed load	Not to exceed 75 p.s.f.																																																								
Maximum height of scaffold	60 ft.																																																								
Poles or uprights	4 x 4 in.																																																								
Pole spacing (longitudinal)	6 ft. 0 in.																																																								
Pole spacing (transverse)	8 ft. 0 in.																																																								
Ledgers	2 x 10 in.																																																								
Vertical spacing of horizontal members	4 ft. 6 in.																																																								
Bearers	2 x 10 in. (rough)																																																								
Bracing, horizontal and diagonal	2 x 4 in.																																																								
Tie-ins	1 x 4 in.																																																								
Planking	2 x 10 in.																																																								
Toeboards	4 in. high (min.)																																																								
Guardrail	2 x 4 in.																																																								
TABLE D-12 Minimum Nominal Size and Maximum Spacing of Members of Independent Pole Scaffolds Heavy Duty																																																									
Uniformly distributed load	Not to exceed 75 pounds per square foot																																																								
Maximum height of scaffold	60 ft.																																																								
Poles or uprights	4 by 4 in.																																																								
Pole spacing (longitudinal)	6 ft. 0 in.																																																								
Pole spacing (transverse)	8 ft. 0 in.																																																								
Ledgers	2 by 9 in.																																																								
Vertical spacing of horizontal members	4 ft. 6 in.																																																								
Bearers	2 by 9 in. (rough)																																																								
Bracing, horizontal and diagonal	2 by 4 in.																																																								
Tie-ins	1 by 4 in.																																																								
Planking	2 by 9 in.																																																								
Toeboards	4 in. high (min.)																																																								
Guardrail	2 by 4 in.																																																								
<p>R 408.10522. Independent pole scaffold, specific. Rule 522. (1)****</p> <p>(2) Cross bracing shall be provided between the inner and outer set of poles of an independent pole scaffold.</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p>																																																								
<p>R 408.10523. Single pole scaffold, specific. Rule 523. Single pole scaffolding shall:</p> <p>(a) to (c)****</p> <p>(d) Have a bearer reinforced with a 3/16 by 2 inch steel strip or its equivalent secured to its lower edge along its entire length.</p>	<p>Equivalent</p> <p>1910.28(b)(6) Every wooden putlog on single pole scaffolds shall be reinforced with a 3/16 x 2-inch steel strip or equivalent secured to its lower edge throughout its entire length.</p>																																																								

GI PART 5. SCAFFOLDING**OSHA****R 408.10524. Suspension scaffolding.****Rule 524. (1) to (7)******

(8) A bearer for a suspension scaffold shall be made of 4 by 6 inch timber set on edge or structural steel of equivalent strength. A bearer shall have sufficient length to hold the planks between the frame where a hoisting machine is used. Plank edges shall abut.

(9) to (10)****

(11) Table 8 reads as follows:

TABLE 8
APPLYING WIRE ROPE CLIPS
Distance between clips should be equal to six rope diameters



CORRECT METHOD:
U-Bolts of Clips on short end of rope.

WIRE ROPE OR CABLE
NUMBER AND SPACING OF CLIPS FOR
ROPES OF VARIOUS SIZES

Diameter of rope (in.)	Number of clips	Center-to-center space between clips (in.)	Length of rope turned back exclusive of eye (in.)	Length of wrench (in.)
1/2	3	3	9	12
5/8	3	3 3/4	12	12
3/4	4	4 1/2	18	18
7/8	4	5 1/4	21	18
1	4	6	24	24
1 1/8	5	6 3/4	34	24
1 1/4	5	7 1/2	38	24
1 3/8	6	8 1/4	50	24
1 1/2	6	9	54	24
1 5/8	6	9 3/4	60	30
1 3/4	7	10 1/2	74	30
1 7/8	8	11 1/4	90	30
2	8	12	96	30
2 1/8	8	13	104	30
2 1/4	8	14	112	30

Equivalent

No comparable OSHA provisions

Equivalent

No comparable OSHA provisions

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10525. Swinging scaffolds. Rule 525. (1) to (2)****</p> <p>(2)(a) Have hangers made of 3/4 inch round steel, or its equivalent: which are designed to have a flat bottom to hold a platform and which have arms to hold a standard barrier pursuant to R 408.1 051 3(2) and a loop to hold the hook on a block.</p> <p>(2)(b) to (c)****</p> <p>(2)(d) Have ropes made fast to the point of the hook on the hanger eye by a special hitch which cannot slip.</p> <p>(3) to (11)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10526. Outrigger's scaffolds. Rule 526. (1) to (3)****</p> <p>(4) A standard barrier and toeboard shall be installed as prescribed in R 408.10231 and R 408.10233 of general industry safety standard Part 2. "Floor and Wall Openings, Stairways and Skylights."</p> <p>(5) A horse scaffold shall not be used with an outrigger's scaffold.</p> <p>(6)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10527. Horse scaffolds. Rule 527. (1)****</p> <p>(2) A horse higher or longer than 4 feet shall have the cross section of each member increased to the next nominal size in width.</p> <p>(3) Nailing of extension pieces to the legs is prohibited.</p> <p>(4) Legs shall be set on concrete, another hard surface, or base plates as prescribed in R 408.10513(7).</p> <p>(5) to (6)****</p>	<p>Equivalent</p> <p>No comparable OSHA provision</p> <p>s</p> <p>Equivalent</p>

GI PART 5. SCAFFOLDING	OSHA																														
<p>(7) Table 9 reads as follows:</p> <table border="1" data-bbox="107 222 786 810"> <thead> <tr> <th colspan="2" data-bbox="107 222 786 279">TABLE 9</th> </tr> <tr> <th colspan="2" data-bbox="107 279 786 453">Nominal size material for a 4 foot long x 4 foot high horse.</th> </tr> </thead> <tbody> <tr> <td data-bbox="107 453 505 525">Bearers</td> <td data-bbox="505 453 786 525">2 x 6 inches</td> </tr> <tr> <td data-bbox="107 525 505 596">Legs</td> <td data-bbox="505 525 786 596">2 x 4 inches</td> </tr> <tr> <td data-bbox="107 596 505 667">Brace between legs</td> <td data-bbox="505 596 786 667">1 x 6 inches</td> </tr> <tr> <td data-bbox="107 667 505 739">Gusset brace at top of leg</td> <td data-bbox="505 667 786 739">1 x 8 inches</td> </tr> <tr> <td data-bbox="107 739 505 810">Half diagonal brace</td> <td data-bbox="505 739 786 810">1 x 6 inches</td> </tr> </tbody> </table>	TABLE 9		Nominal size material for a 4 foot long x 4 foot high horse.		Bearers	2 x 6 inches	Legs	2 x 4 inches	Brace between legs	1 x 6 inches	Gusset brace at top of leg	1 x 8 inches	Half diagonal brace	1 x 6 inches	<table border="1" data-bbox="837 222 1516 810"> <thead> <tr> <th colspan="2" data-bbox="837 222 1516 279">TABLE D-19</th> </tr> <tr> <th colspan="2" data-bbox="837 279 1516 390">MINIMUM DIMENSIONS FOR HORSE SCAFFOLD MEMBERS</th> </tr> <tr> <th data-bbox="837 390 1304 462">Members</th> <th data-bbox="1304 390 1516 462">Dimensions (Inches)</th> </tr> </thead> <tbody> <tr> <td data-bbox="837 462 1304 533">Horizontal members or bearers</td> <td data-bbox="1304 462 1516 533">3 by 4</td> </tr> <tr> <td data-bbox="837 533 1304 604">Legs</td> <td data-bbox="1304 533 1516 604">1 1/4 by 4 1/2</td> </tr> <tr> <td data-bbox="837 604 1304 676">Longitudinal brace between legs</td> <td data-bbox="1304 604 1516 676">1 by 6</td> </tr> <tr> <td data-bbox="837 676 1304 747">Gusset brace at top of legs</td> <td data-bbox="1304 676 1516 747">1 by 8</td> </tr> <tr> <td data-bbox="837 747 1304 810">Half diagonal braces</td> <td data-bbox="1304 747 1516 810">1 1/4 by 4 1/2</td> </tr> </tbody> </table>	TABLE D-19		MINIMUM DIMENSIONS FOR HORSE SCAFFOLD MEMBERS		Members	Dimensions (Inches)	Horizontal members or bearers	3 by 4	Legs	1 1/4 by 4 1/2	Longitudinal brace between legs	1 by 6	Gusset brace at top of legs	1 by 8	Half diagonal braces	1 1/4 by 4 1/2
TABLE 9																															
Nominal size material for a 4 foot long x 4 foot high horse.																															
Bearers	2 x 6 inches																														
Legs	2 x 4 inches																														
Brace between legs	1 x 6 inches																														
Gusset brace at top of leg	1 x 8 inches																														
Half diagonal brace	1 x 6 inches																														
TABLE D-19																															
MINIMUM DIMENSIONS FOR HORSE SCAFFOLD MEMBERS																															
Members	Dimensions (Inches)																														
Horizontal members or bearers	3 by 4																														
Legs	1 1/4 by 4 1/2																														
Longitudinal brace between legs	1 by 6																														
Gusset brace at top of legs	1 by 8																														
Half diagonal braces	1 1/4 by 4 1/2																														
<p>R 408.10528. Ladder jack scaffolds. Rule 528. (1) to (2)****</p> <p>(3) The span of a pick shall not exceed 24 feet.</p> <p>(4) to (6)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>																														
<p>R 408.10531. Carpenter's bracket scaffold. Rule 531. (1) to (2)****</p> <p>(2)(a) If made of wood, the corners shall be gusseted in a manner to prevent the joints pulling apart.</p> <p>(2)(b) to (3)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>																														
<p>R 408.10534. Needle beam scaffold. Rule 534. (1)****</p> <p>(2) The span between needle beams shall be not more than 8 feet when using 2 inch scaffolding planks.</p> <p>(3) to (6)****</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p>																														

GI PART 5. SCAFFOLDING	OSHA						
MANUFACTURED SCAFFOLDING							
<p>R 408.10541. General. Rule 541. (1) ****</p> <p>(2) Manufactured scaffolding shall be constructed, installed and maintained as prescribed in rules 511, 512 and 513.</p> <p>(3) to (4)****</p> <p>(5) Adjusting screws on stationary manufactured scaffolding shall have an adjustment of not more than 18 inches from baseplate to bottom of frame with a minimum of 6 inches retained within the frame.</p> <p>(6) Before a metal scaffold is erected near an exposed powerline, the utility or property owner shall be consulted. A power line or electrical apparatus shall be considered energized unless the property owner or utility indicates it is deenergized and the line or apparatus is visibly grounded. Where deenergizing is impracticable, the following minimum clearances shall be maintained:</p> <table border="1" data-bbox="99 1031 800 1262"> <thead> <tr> <th data-bbox="99 1031 448 1108">Voltage</th> <th data-bbox="448 1031 800 1108">Clearance</th> </tr> </thead> <tbody> <tr> <td data-bbox="99 1108 448 1186">To 50 kV</td> <td data-bbox="448 1108 800 1186">10 feet</td> </tr> <tr> <td data-bbox="99 1186 448 1262">Over 50 kV</td> <td data-bbox="448 1186 800 1262">10 feet + .4 inch per kV</td> </tr> </tbody> </table>	Voltage	Clearance	To 50 kV	10 feet	Over 50 kV	10 feet + .4 inch per kV	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p>
Voltage	Clearance						
To 50 kV	10 feet						
Over 50 kV	10 feet + .4 inch per kV						
<p>R 408.10542. Tube and coupler-type scaffolding. Rule 542. (1) to (4)****</p> <p>(5) Tube and coupler type scaffolding shall comply with all of the following:</p> <p>(a) Have ledgers erected along the length of the scaffold which are located on both inside and outside posts at each bearer level. Ledgers shall be interlocked to form continuous lengths and coupled to each post. The bottom ledgers shall be located as close to the base as possible. Ledgers shall be placed not more than 6 feet 6 inches on centers, vertically.</p> <p>(5)(b) to (8)****</p>	<p>Equivalent</p> <p>1910.28(c)(8) Runners shall be erected along the length of the scaffold located on both the inside and the outside posts at even height. Runners shall be interlocked to form continuous lengths and coupled to each post. The bottom runners shall be located as close to the base as possible. Runners shall be placed not more than 6 feet 6 inches on centers.</p> <p>Equivalent</p>						

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10544. Mobile scaffolds.</p> <p>Rule 544. (1) A mobile scaffold shall be constructed as prescribed in rules 542 or 543 and shall be limited to a height of 50 feet unless designed and erected by an engineer knowledgeable in scaffolding.</p> <p>(2) A mobile scaffold shall:</p> <p>(a) Not exceed a height of 4 times the minimum base dimension, or shall be guyed every 20 feet of height to prevent movement. Outriggers, when used, may be considered as part of the base dimension.</p> <p>(b) Have a landing platform at intervals of not more than 30 feet.</p> <p>(c) Have the wheels locked when in use and attached by pins or bolts, or other equivalent means, to the frame or adjusting screw.</p> <p>(d) Have a limit adjustment of screw jack to not more than 12 inches from top of castor bearing plate to bottom of frame. The castor stem shall fit the socket in the frame and extend inside not less than 6 inches.</p> <p>(e) Have all scaffold castors provided with a positive wheel, a swivel lock, or both, to prevent movement.</p> <p>(f) Have adequate rigid diagonal bracing to vertical members provided.</p> <p>(g) Have exposed surfaces free from sharp edges, burrs, and other hazards.</p> <p>(h) Have the width of a working platform at any level not less than 20 inches and secured in place.</p> <p>(i) Have the designed load of all mobile scaffolds calculated on the basis of: Light - Designed and constructed to carry a working load of 25 pounds per square foot. Medium - Designed and constructed to carry a working load of 50 pounds per square foot. Heavy - Designed and constructed to carry a working load of 75 pounds per square foot.</p> <p>(j) Have the work level platform of scaffolds, sometimes called towers, of wood, aluminum, or plywood planking, steel, or expanded metal for the full width of the scaffold, except for necessary openings. Work platforms shall be secured in place.</p> <p>(3) A sectional folding stairway scaffold shall:</p> <p>(a) Be designed as medium duty, except for high clearance. A sectional folding stairway scaffold with a high clearance base shall be designated as a light duty scaffold.</p> <p>(b) Have an integral stairway and work platform incorporated into the structure.</p> <p>(c) Have the end frames designed so that the horizontal bearers provide supports for multiple planking levels.</p> <p>(d) Be not more than 4 1/2 feet wide by 6 feet in length.</p>	<p>No comparable OSHA provision</p>

GI PART 5. SCAFFOLDING	OSHA
<p>(4) A sectional folding ladder scaffold shall:</p> <p>(a) Be designed as a light duty scaffold, including special base open end sections which are designed for high clearance. For certain special applications, the 6 foot in length folding ladder scaffolds, except for special high clearance base sections, shall be designed for use as medium duty scaffolds.</p> <p>(b) Have width of not more than 4 1/2 feet.</p> <p>(c) Have a length of not more than 6 feet 6 inches for a 6 foot long unit, 8 feet 6 inches for an 8 foot unit, or 10 feet 6 inches for a 10 foot long unit.</p> <p>(d) Have the end frames designed so that the horizontal bearers provide supports for multiple planking levels.</p> <p>(e) Have an integral set of pivoting and hinged folding diagonal and horizontal braces and a detachable work platform incorporated into the structure.</p>	<p>No comparable OSHA provisions</p>
<p>R 408.10545. Wire rope scaffolding. Rule 545. (1) ****</p> <p>(2) A plank used on a wire rope scaffold shall be as prescribed in rule 512. A lifeline prescribed in subrule (7) of rule 525 shall be used.</p> <p>(3) A plank used on a wire rope scaffold shall be attached to the wire rope in a manner which will not allow the plank to disengage such rope and shall facilitate moving the plank along the wire rope.</p> <p>(4) Wire rope shall be used and maintained as prescribed in rule 571.</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p>
<p>R 408.10546. Powered and manual mobile elevating platforms. Rule 546. (a) Powered and manual mobile elevating platforms shall be operated as prescribed in general industry safety standard, Part 58. "Aerial Work Platforms," R 408.15801 to R 408.15842.</p> <p>(b) Powered industrial trucks shall be operated as prescribed in general industry safety standard, Part 21. "Powered Industrial Trucks," R 408.12101 to R 408.12193.</p>	<p>No comparable OSHA provision</p>

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10550. Hydraulic and pneumatic systems. Rule 550. (1) Rigid or flexible piping and the component parts or a hydraulic or pneumatic hoisting machine system shall have a safety factor of not less than 4. (2) When a hydraulic or pneumatic system is bled, the platform supported by this system shall be in the lowered position or blocked in such a manner that the safety of the employee is assured. (3) A leak in a hydraulic or pneumatic system shall be repaired before the unit is used. (4) A reverse check valve or equivalent means shall be installed in the hydraulic cylinder to prevent uncontrolled fall of the work platform in case of system failure.</p>	<p>No comparable OSHA provision</p>
<p>POWERED PLATFORMS</p>	
<p>R 408.10561. Construction and modification; requirements for buildings utilizing working platforms for maintenance; tie-in guides. Rule 561. (1) A powered platform installed, or that part of a powered platform modified, after August 27, 1971, shall be in compliance with the design and manufacturing requirements prescribed in ASME standard A120.1, 1970 edition, 'Safety requirements for powered platforms for exterior building maintenance, which is adopted in R 408.10509 by reference, and as further prescribed in the rules of this part. (2) to (3)****</p>	<p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10562. Intermittent stabilization systems. Rule 562. (1) to (7)**** (8) A powered platform shall be suspended by 2 or more cables. Where 2 cables are used, each employee on the work platform shall use a safety harness and lanyard that is attached to an individual lifeline. The lifeline shall be secured to the building structure and shall be independent of any cable and structures that support the powered platform. (9) **** (10) Where thrustouts are used in place of a roof car, they shall be anchored to the building structure with fasteners that are capable of sustaining the imposed load.</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING	OSHA
R 408.10565 (4)(i) to (4)(p)****	Equivalent
<p>R 408.10570. Controls and interlocks.</p> <p>Rule 570. (1) Control devices for a powered platform shall be a constant pressure type and shall be designed to prevent accidental actuation.</p> <p>(2) Control devices shall be permanently labeled as to their function.</p> <p>(3) Where a roof car is used, safety interlocks shall be provided to insure that the working platform will not leave the stored position until the required positive position anchor is engaged and to insure that the roof car cannot move when the working platform is not in the stored position.</p>	No comparable OSHA provision
<p>R 408.10571. Safety factors.</p> <p>Rule 571. All of the parts of a powered platform that are subject to stress, except for the wire rope, shall have a design safety factor of not less than 5. Wire rope shall have a design safety factor of not less than 10.</p>	No comparable OSHA provision
<p>R 408.10572. Working platforms.</p> <p>Rule 572. A working platform that is used on the exterior of a building shall be equipped with rollers which will be in contact with the building face. Where the vertical working travel of a working platform is more than 130 feet, the platform shall be equipped with guide rollers or guide shoes which shall positively engage guides, such as "t" rails or indented mullions. The guide rollers or guide shoes shall enter the guides at the lowest possible speed and shall not require any manual assistance from an employee while the work platform is in motion. A working platform which is installed before the effective date of this part and which has a rise of more than 130 feet may use an equivalent means to tie the platform to the building instead of guide rollers or guide shoes.</p>	No comparable OSHA provision

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10573. Inspections and tests.</p> <p>Rule 573. (1) An employer that has a powered platform under the employer's control shall do all of the following:</p> <p>(a) Provide operating instructions and a checklist for a visual inspection which shall be used by the operator before each daily use of the platform. The visual inspection shall include a check of the platform controls and safety interlocks.</p> <p>(b) Provide for a physical inspection, and service and repair when required, of the platform by a trained and authorized employee or an outside service every 30 days or before each use cycle if the equipment is used less often than every 30 days. The inspection, service, or repair shall be logged to show the date and the signature of the authorized employee or outside service and the work done.</p> <p>(c) Provide for inspections and operating tests not less than annually or after major alterations to determine that all components of the platform, including safety and operating equipment, are in compliance with the provisions of these rules. Such inspections and operating tests shall be made by a trained and authorized employee or outside service.</p> <p>(2)****</p>	<p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10574. Maintenance.</p> <p>Rule 574. (1) The following maintenance shall be performed, when required, during the 30-day inspection:</p> <p>(a) Replacement of any worn or defective parts noted during the inspections prescribed in R 408.10572.</p> <p>(b) Electrical connections shall be tightened and controller contacts and relays shall be cleaned.</p> <p>(c) Gears, shafts, bearings, brakes, and hoisting drums shall be aligned.</p> <p>(2)****</p> <p>(3) Hoisting rope shall be replaced when there are 6 or more broken wires. in any 1 lay or when the wire rope becomes damaged or is in a deteriorated condition.</p>	<p>No comparable OSHA provisions</p> <p>Equivalent</p> <p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10575. Hoisting machines; suspended equipment; 2 and 4-point suspended working platforms; single-point suspended platforms; ground-rigged working platforms; intermittently stabilized platforms; button-guide stabilized platforms; supported equipment; suspension wire ropes and rope connections. Rule 575. (1) to (18)(e)****</p> <p>(18)(f) A bend radius in wire rope shall not be less than 20 times the wire rope diameter.</p> <p>(18)(g) Wire rope shall be inspected and maintained as specified in the provisions of R 408.10582.</p>	<p>Equivalent</p> <p>No comparable OSHA provisions</p>
WIRE, FIBER, AND SYNTHETIC ROPE	
<p>R 408.10582. Wire rope; reinforcement; use of metal thimble, end fittings; requirements for use of wire clips; cutting preparation; lubrication; use of suspension wire rope to follow procedures recommended by manufacturer; inspection of suspension wire rope; certification record. Rule 582. (1) Wire rope for a scaffold shall be replaced if any of the following conditions exists:</p> <p>(a) In any length of 8 diameters, the total number of visible broken wires is more than 6 in 1 rope lay or 3 wires in 1 strand.</p> <p>(b) The wire rope has been kinked, crushed, or bird-caged or has sustained any other damage that distorts the wire rope structure.</p> <p>(c) The wire rope shows heat or corrosive damage.</p> <p>(d) The wire rope contains a broken wire within 18 inches (460.8 mm) of the end attachment.</p> <p>(2) Wire rope that is bent to form an eye over a bolt or rod which has a diameter that is less than 4 times the rope diameter shall be equipped with a metal thimble.</p> <p>(3) End fittings should be swagged or zinc-poured sockets.</p> <p>(4) Where wire clips are used, the provisions of table 8 shall be followed and the u-bolts shall be installed on the dead end or short end of the wire rope.</p> <p>(5) Wire rope shall be stored in a manner to prevent damage or deterioration.</p> <p>(6) Before cutting wire rope, a seizing shall be placed on each side of the cut on preformed wire rope, 2 seizings shall be placed on each side of 7/8 inch size or smaller nonpreformed wire rope, and 3 seizings shall be placed on each side of 1 inch or larger size nonpreformed wire rope.</p>	<p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING	OSHA
<p>(7) Wire rope shall be maintained in a lubricated condition over its entire length with the same type of lubricant that is used by the manufacturer.</p> <p>(8) to (12)****</p>	<p>No comparable OSHA provisions</p> <p>Equivalent</p>
<p>R 408.10583. Fiber rope; inspection; storage; drying of wet rope; use prohibited under certain conditions; replacement; use of thimble.</p> <p>Rule 583. (1) A fiber rope shall be inspected visually before the start of each daily use as follows:</p> <p>(a) Externally for any of the following conditions:</p> <p>(i) Abrasions.</p> <p>(ii) Cut or broken fibers.</p> <p>(iii) Decay.</p> <p>(iv) Burns.</p> <p>(v) Lack of strength.</p> <p>(vi) Softness.</p> <p>(vii) Variation in size or roundness of the strands.</p> <p>(b) Internally, by separating the strands at 3 foot intervals, for any of the following conditions:</p> <p>(i) Broken fibers.</p> <p>(ii) Presence of grit.</p> <p>(iii) Mildew or mold.</p> <p>(iv) Color change of the fibers.</p> <p>(v) Powdering.</p> <p>(vi) Short loose fibers.</p> <p>A rope that has any of the conditions specified in this rule shall be replaced or returned to the manufacturer for repair.</p> <p>(2) A fiber rope shall be stored in a dry room in coils or on a reel.</p> <p>(3) A wet fiber rope shall be dried by placing it in the sunshine or a warm room hanging loosely over a rounded peg or hook.</p> <p>(4) A fiber rope shall not be kinked or run over sharp corners, shall not be used when frozen, and shall not be left in freezing temperatures when wet.</p> <p>(5) A fiber rope that is subjected to an impact load that is equal to or more than its rated capacity shall be replaced.</p> <p>(6) A thimble shall be used with fiber rope pursuant to the provisions of R 408.10581(2).</p>	<p>No comparable OSHA provisions</p>

GI PART 5. SCAFFOLDING	OSHA
<p>R 408.10584. Synthetic rope; inspection; condition of use; replacement; use of thimble.</p> <p>Rule 584. (1) A synthetic rope shall be inspected visually before the start of each job for all of the following conditions:</p> <ul style="list-style-type: none"> (a) Abrasions. (b) Cut or broken fibers. (c) Burns. (d) Melted fibers. (e) Variation in size or roundness of the strands. A rope that has any of these conditions shall be replaced or returned to the manufacturer for repair. <p>(2) Because of the variance in manufacturing methods, the manufacturer's recommendations shall be followed.</p> <p>(3) A synthetic rope shall not be kinked, run over sharp corners, used when frozen, or left in freezing temperatures when wet.</p> <p>(4) A synthetic rope that is subjected to an impact load that is equal to or more than its rated capacity shall be replaced.</p> <p>(5) A thimble shall be used with synthetic rope pursuant to the provisions of R 408.10581 (2).</p>	<p>No comparable OSHA provisions</p>

Disclaimer:

Documents available from this server were prepared as a courtesy for informal guidance and assistance. This information is not intended to replace or supercede the actual MIOSHA standard or rule requirement. Please reference the specific MIOSHA standard or rule for the actual rule requirement language.

All information published online by MIOSHA is subject to change without notice. Every effort is made to ensure that the information provided at this site is accurate and up-to-date, but no legal responsibility is accepted for any errors, omissions, or misleading statement.