

## PORTABLE METAL LADDERS SAFETY CHECKLIST

<b>Equipment Standards for Metal Ladders</b>											
	YES	NO	N/A								
Metal ladders must be free of structural defects and accident hazards such as sharp edges and burrs.											
The metal the ladder is made of must be of adequate strength to meet test requirements and protected from corrosion (unless the metal is inherently corrosion-resistant).											
Spacing of rungs or steps must be on 12-inch centers.											
Rungs and steps must be corrugated, knurled, dimpled, coated with skid-resistant material or treated to minimize slipping risks.											
Straight and extension ladders must meet the following requirements:											
<ul style="list-style-type: none"> <li>Minimum width between side rails of 12 inches.</li> </ul>											
<ul style="list-style-type: none"> <li>Single ladder or extension can't exceed 30 feet in length.</li> </ul>											
<ul style="list-style-type: none"> <li>Two-section ladders can't exceed 48 feet in length.</li> </ul>											
<ul style="list-style-type: none"> <li>Over two-section ladders can't exceed 60 feet in length.</li> </ul>											
Each section of a multi-section ladder must overlap the adjacent section by at least the following number of feet stated in the following:											
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Normal Length of Ladder (feet)</th> <th style="padding: 5px;">Overlap (feet)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px; text-align: center;">Up to and including 36</td> <td style="padding: 5px; text-align: center;">3</td> </tr> <tr> <td style="padding: 5px; text-align: center;">Over 36 up to and including 48</td> <td style="padding: 5px; text-align: center;">4</td> </tr> <tr> <td style="padding: 5px; text-align: center;">Over 48 up to and including 60</td> <td style="padding: 5px; text-align: center;">5</td> </tr> </tbody> </table>				Normal Length of Ladder (feet)	Overlap (feet)	Up to and including 36	3	Over 36 up to and including 48	4	Over 48 up to and including 60	5
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Up to and including 36	3										
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Over 48 up to and including 60	5										
Extension ladders must be equipped with positive stops to insure the minimum overlap listed in the table.											
Step ladders must meet the following requirements:											
<ul style="list-style-type: none"> <li>Stepladders can't exceed 20 feet in length. (<i>* The length of a stepladder is measured by the length of the front rail. To be classified as a standard length, the measured length must be within plus or minus one-half inch of the specified length.</i>)</li> </ul>											
<ul style="list-style-type: none"> <li>The bottoms of the 4 rails must be supplied with insulating non-slip material.</li> </ul>											
<ul style="list-style-type: none"> <li>There must be a metal spreader or locking device of</li> </ul>											

sufficient size and strength to securely hold the front and back sections in the open position—and all sharp points or edges of the spreader must be covered or removed.			
Trestles ladders or extension sections or base sections of extension trestle ladders can't be longer than 20 feet.			
Platform ladders can't be longer than 20 feet—as measured along the front rail from the floor to the platform.			

**Comments:**

**Metal Ladder Care and Maintenance**

	YES	NO	N/A
Users must follow good safe practices in the use and care of ladder equipment.			
Ladders must be maintained in good usable condition at all times.			
Ladders must undergo immediate inspection if the following things happen:			
Ladder tips over: <ul style="list-style-type: none"> <li><input type="checkbox"/> Inspect for side rails dents or bends or excessively dented rungs;</li> <li><input type="checkbox"/> Check all rung-to-side-rail connections;</li> <li><input type="checkbox"/> Check hardware connections;</li> <li><input type="checkbox"/> Check rivets for shear.</li> </ul>			
Ladder is exposed to oil and grease: <ul style="list-style-type: none"> <li><input type="checkbox"/> Clean equipment of oil, grease or slippery materials with a solvent or steam cleaning.</li> </ul>			
Ladders found to have defects must be marked and taken out of service until repaired by either the maintenance department or manufacturer.			

**Comments:**

<b>Metal Ladder Use</b>			
	<b>YES</b>	<b>NO</b>	<b>N/A</b>
The base must be placed a distance from the vertical wall equal to one-fourth the working length of the ladder to ensure a safe angle.			
Portable ladders are designed as a one-man working ladder based on a 200-pound load.			
The ladder base section must be placed with a secure footing.			
The top of the ladder must be placed with the 2 rails supported, unless equipped with a single support attachment.			
The climber must face the ladder when climbing up or down.			
Ladders may not be tied or fastened together to provide longer sections.			
Ladders must be equipped with the hardware fittings necessary if the manufacturer endorses extended uses.			
Ladders may not be used as a brace, skid, guy or gin pole, gangway, or for other uses than that for which they were intended, unless specifically recommended for use by the manufacturer.			
Electrical safety safe work practices (required by <a href="#">Sec. 1910.333(c)</a> of the General Industry Standard) must be used when work is performed on or near electric circuits.			
<b>Comments:</b>			