

PLAYGROUND SAFETY INSPECTION

Stairways, Ladders and Ramps Worksheet

(Complete one worksheet per Playground 2-12 year old users)

Not intended to meet ADA/ABA specifications

Yes	No	N/A	General (ASTM F 1487-11 Section 7.2) (CPSC #325-10 Section 5.2.1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rung ladders, arch climbers, tire climbers are not used as sole means of access to equipment intended for use by 2 to 5 year old users.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Platforms over 6' high have an intermediate standing surface to allow the user to halt the ascent and use an alternate means of decent. (CPSC #325-10 Section 5.2.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairways and Ladders comply with the dimensions shown on Table 2. (Attached)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Steps and rungs shall be evenly spaced within a tolerance of .25 inches vertically. (ASTM F 1487-11 Section 7.2.1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Risers are closed if the space is between 3.5" and 9"
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	When risers are closed, tread design prevents accumulation of sand, water or other materials
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	One set of stairs must have a transfer platform.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The transfer platform has an access step (not required)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rungs and handrails have a diameter between .95" and 1.55". The preferred diameter is 1.25"
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Handrails are available at the beginning of first step.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Handrails are not required for rung ladders (ASTM F 1487-11 Section 7.2.6)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairways and Ladders that have more than one tread have continuous handrails on both sides.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairways and ladders that only have one tread have hand support on both sides.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The vertical distance from front edge of step to the top surface of the handrail is between 22 and 38"
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accesses such as rung ladders, flexible climbers, arch climbers and tire climbers have alternate hand gripping support
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The depth of tread on the outer edge on spiral stairs is 7 inches or greater (ASTM F 1487-11 Section 7.3.1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If the design of the spiral stairs does not permit handrails on both sides, a continuous handrail is provided on the outside perimeter.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairs and stepladders have a continuation of handrails from the access to the platform (ASTM F 1487-11 Section 7.4)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stairways with steps greater than 48" above the surfacing have protective barriers (ASTM F 1487-11 Section 7.5.6.1.1)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The height of the barrier is the height from the top front edge of a step to the top of the barrier

Maintenance Condition: Good Needs repair

Priority: Priority 1 Priority 2 Priority 3 Compliant

Comments::

Recommended dimensions for access ladders, stairs, and ramps		
Type of Access	AGE OF INTENDED USER	
	2-5 Year Old Users	5-12 Year Old Users
Ramps (not intended to meet ADA/ABA specifications)		
Slope (vertical:horizontal)	≤ 1:8	≤ 1:8
Width (single)	≥ 12"	≥ 16"
Width (double)	≥ 30"	≥ 36"
Stairways		
Slope	< 50 deg	< 50 deg
Tread width (single)	≥ 12"	≥ 16"
Tread width (double)	≥ 30"	≥ 36"
Tread depth (open riser)	> 7"	> 8"
Tread depth (closed riser)	> 7"	> 8"
Vertical rise	> 9"	≤ 12"
Step Ladder		
Slope	50-75 deg	50-75 deg
Tread width (single)	12-21"	≥ 16"
Tread width (double)	Not appropriate	≥ 36"
Tread depth (open riser)	≥ 7"	≥ 3"
Tread depth (closed riser)	≥ 7"	≥ 6"
Vertical rise	≤ 9"	≤ 12"
Rung ladders		
Slope	75-90 deg	75-90 deg
Rung Width	≥ 12"	≥ 16"
Vertical rise	≤ 12"	≤ 12"
Rung diameter	0.95-1.55"	0.95-1.55"
* entrapment recommendation apply to all openings in access components		