

# IPEMA'S CHECKLIST FOR ACCESS

1. Public Playgrounds must have an accessible route to the play area at least 60" wide, maximum running slope of 1:20 and maximum cross slope of 1:48. The route to the play area is an accessible route. Minimum width is 36" and the maximum slope is 1:12. Any running slope over 1:20 or 5% is treated as a ramp with handrails and landings.

2. Within the play area, the safety surfacing must comply with ASTM F 1292-99 or -04 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment when located within the use zone for proper impact attenuation. All accessible routes within the play area, clear floor or ground spaces at play components required to be accessible and turning spaces must comply with ASTM 1951-99 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.

4. Composite play structures that include a transfer system as a means of access must meet the following criteria:

- Transfer platform height must be between 11-18" with clear minimum width of 24" and depth of 14"
- Transfer steps are maximum of 8" high and include handholds to aid movement.
- Minimum 30" by 48" transfer space must be provided adjacent to the transfer platform. The 48" long minimum dimension of the transfer space shall be centered on and parallel to the 24" long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

6. Elevated ramps and accessible platforms attached at ramp levels shall have no openings on surface greater than 1/2" and vertical change in level less than 1/4" or up to 1/2" with a 2:1 beveled edge.

3. Within the play area, the accessible route must be at least 60" wide, with a maximum running slope of 1:16, a maximum cross slope of 1:48 and a minimum of 80" overhead clearance. For small play areas of less than 1000 square feet in total size, the accessible route must be at least 44" wide, with a maximum running slope of 1:16, a maximum cross slope of 1:48 and a minimum of 80" overhead clearance.

7. Wheelchair – accessible platforms require guardrails or barriers. Openings for access/egress play components shall be narrowed to 15" or less.

8. Advisory Reach ranges for accessible manipulative and interactive sensory and communicative components must have reach range heights between 16-44" for 9-12 year old, 18-40" for 5-8 year old and 20-36" for 3-4 year old user age groups.

9. Ground level upper body equipment intended for use by a person using a mobility device must be less than 54" above protective surfacing.

10. Ground level play tables and components for users over 5 years old must have a minimum vertical knee clearance of at least 24" high, a minimum depth of at least 17" deep and a minimum width of at least 30". The maximum top of playing surface shall not exceed 31".

12. Play areas must have the minimum number of accessible play components and types on the accessible routes per the following criteria: Remember it is one of each type at ground level and 50% elevated that must be accessible. The trigger to use the table is for Additional Number and Types. Where elevated play components are provided, ground level play components shall be provided in accordance with Table 240.2.1.2 and shall comply with 1008.4.

EXCEPTION: If at least 50 percent of the elevated play components are connected by a ramp and at least 3 of the elevated play components connected by the ramp are different types of play components, the play area shall not be required to comply with 240.2.1.2

11. Composite play structures must have elevated accessible routes by ramp and or transfer systems to connect at least 50% of the elevated play components. Large composite play structures with more than 20 elevated play components must have at least 25% of the elevated play components connected by elevated ramps.

## PLAY AREA COMPONENT ACCESSIBILITY FLOW CHART

Americans with Disabilities Act: Scoping

ADA Chapter 2: Scoping Requirements

Table 240.2.1.2 Number and Types of Ground Level Play Components Required to be on Accessible Routes

Number of Elevated Play Components Provided	Minimum Number of Ground Level Play Components Required to be on an Accessible Route	Minimum Number of Different Types of Ground Level Play Components Required to be on an Accessible Route
1	Not applicable	Not applicable
2 to 4	1	1
5 to 7	2	2
8 to 10	3	3
11 to 13	4	3
14 to 16	5	3
17 to 19	6	3
20 to 22	7	5
23 to 25	8	5
26 and over	8, plus 1 for each additional 3, or fraction thereof, over 25	5

### 1 ASSESS What is present

#### GROUND COMPONENTS

Total in your playground

#### ELEVATED COMPONENTS

Total in your playground

### 2 DETERMINE What is needed

#### GROUND COMPONENTS

Total

Minimum required on accessible route

Minimum required on accessible route

### 3 COMPARE Which is greater

PLAY TYPES

Greater number = Minimum on accessible route

### 4 ASSESS How to get there

#### ELEVATED COMPONENTS

20 OR MORE

Ramps Min 25% + Ramps - or - transfer system 25%

Elevated accessible routes must connect 50% minimum

19 OR LESS

Transfer system permitted to connect at least 50%