The United States Access Board is an independent federal agency that promotes equality for people with disabilities through leadership in accessible design and the development of accessibility guidelines and standards.
The US Access Board is an independent Federal agency charged to develop accessibility guidelines for new construction and alteration under several laws.
ADA Coverage

Private sector (title III)
• Places of Public Accommodation
• Commercial Facilities

Public Sector (title II)
• State & Local Government Facilities
• Public transit facilities (titles II & III)
ABA Coverage

Applies to facilities designed, built, altered or leased with Federal funds

- Federal buildings (e.g., post offices)
- Non-Federal buildings (e.g., school built with Federal money)
Existing facilities

A facility in existence on any given date...
What Standards Apply to ADA Existing Facilities?

• Title II — Program accessibility

• Title III — Readily achievable barrier removal

For more information, contact DOJ @ 800 514-0301
Safe Harbor – Existing Facilities

• Elements that comply with 1991 Standards do not need to be modified to meet the 2010 Standards unless those elements are altered on or after March 15, 2012.

Safe Harbor does not apply to elements in existing facilities that were not subject to specific requirements in the 1991 Standards

For more information, contact DOJ @ 800 514-0301
### Elements in 2010 Standards Not Subject to Safe Harbor

| A | Residential facilities and dwelling units |
| B | Amusement rides |
| C | Recreational boating facilities |
| D | Exercise machines and equipment |
| E | Fishing piers and platforms |
| F | Golf facilities |
| G | Miniature golf facilities |
| H | Play areas |
| I | Saunas and steam rooms |
| J | Swimming pools, wading pools, and spas |
| K | Shooting facilities with firing positions, |
| L | Miscellaneous. |
  | (1) Team or player seating |
  | (2) Accessible route to bowling lanes |
  | (3) Accessible route in court sports facilities |

For more information, contact DOJ @ 800 514-0301
Recreation Facility Guidelines

- Amusement rides
- Boating facilities
- Fishing piers and platforms
- Sports facilities
- Play areas
- Golf courses
- Miniature golf courses
- Swimming pools, wading pools, and spas

"For the very first time, these rules will cover recreational facilities like amusement parks and marinas and gyms and golf facilities and swimming pools, and municipal facilities like courtrooms and prisons," Obama stated.
Amusement rides

- One of the following per ride
  - Wheelchair space OR
  - Ride seat designed for transfer OR
  - Use of a transfer device
- YOUR CHOICE
Other provisions

- Accessible route to load/unload areas
- Alterations provisions
- Signage
Boating facilities

- Marinas, public piers with boat slips
- Fixed and floating (not ferry docks)
Boating facilities

- Gangway slope - connecting floating facilities
  - Design for 1:12 maximum slope OR provide up to an 80 foot gangway
  - Less than 25 boat slips design for 1:12 maximum slope OR provide up to a 30 foot gangway
Boating facilities

- Number of accessible boat slips
- Uses modified ADAAG parking table
- Dispersed among the different types
- Boat slips not identified, every 40 ft.

<table>
<thead>
<tr>
<th>Boat Slips Provided</th>
<th>Minimum Accessible</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-25</td>
<td>1</td>
</tr>
<tr>
<td>26-50</td>
<td>2</td>
</tr>
<tr>
<td>51-100</td>
<td>3</td>
</tr>
<tr>
<td>101-150</td>
<td>4</td>
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<tr>
<td>151-300</td>
<td>5</td>
</tr>
<tr>
<td>301-400</td>
<td>6</td>
</tr>
<tr>
<td>401-500</td>
<td>7</td>
</tr>
<tr>
<td>501-600</td>
<td>8</td>
</tr>
<tr>
<td>601-700</td>
<td>9</td>
</tr>
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<td>701-800</td>
<td>10</td>
</tr>
<tr>
<td>801-900</td>
<td>11</td>
</tr>
<tr>
<td>901-1000</td>
<td>12</td>
</tr>
<tr>
<td>1001 and over</td>
<td>*</td>
</tr>
</tbody>
</table>

*12 + 1 for each 100 or fraction thereof
Boating facilities

- Gangways
- Maximum rise does not apply to gangways
- Alterations to existing = no increase in length
- Handrails
- Transition plates
- Cross slope = 1:50 max.
Boating facilities

- Accessible boat slip = 60 inches width of clear pier space
- Where obstructed, at least one opening of 60 inches in width every 10 feet
- Edge protection permitted
Boating facilities

- Boarding piers at launch ramps
- Where gangways connect
  - Design for 1:12
  - OR provide up to a 30 ft. gangway
- Accessible route within boat launch ramp - maximum slope does not apply
Fishing piers and platforms

- Accessible routes serving floating piers/platforms
- Use boating gangway exceptions
- Design gangway to 1:12 OR provide up to a 30 ft. gangway
Fishing piers and platforms

- Railings - Where provided
- Maximum 34 inch height for 25% of the railing lowered railing dispersed
- Exception: where a guard is provided which complies with ICC/IBC
Fishing piers and platforms

- Edge protection where railings are provided
- 2 inch minimum
- 30 inches x 48 inches clear space
- At least one maneuvering space

Fig. 62
Edge Protection at Fishing Piers
Play Area Accessibility Guidelines
Play Area Terms

- Elevated Play Component
- Elevated Accessible Route
- Use Zone
- Ground-Level Accessible Route
- Ground-Level Play Component
Ground level play components

Approached and exited at ground level
Elevated play components

- Approached from elevated level
- Attached to composite play structure
- Components (counted once)
Determining Ground or Elevated
Play Types -

Identified by the experience the play component generally is designed to provide

Climbing  
Rocking  
Spinning  
Swinging
Ground-Level Requirements

- “One of Each Type”
- More than one — integrated in the play area
Ground level requirement based on elevated play components provided

- Minimum quantity of ground-level play components
- Minimum number of different types

<table>
<thead>
<tr>
<th>Number of Elevated Play Components Provided</th>
<th>Minimum Number of Ground Level Play Components Required to be on Accessible Route</th>
<th>Minimum Number of Different Types of Ground Level Play Components Required to be on Accessible Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>2 to 4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>5 to 7</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>8 to 10</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>11 to 13</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>14 to 16</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>17 to 19</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>20 to 22</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>23 to 25</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>More than 25</td>
<td>8 plus 1 for each additional 3 over 25, or fraction thereof</td>
<td>5</td>
</tr>
</tbody>
</table>
Ground Level Accessible Routes

- Surface
- Clear width
- Clear width reductions
- Changes in level
- Running Slope
- Cross Slope
- Openings
- Vertical Clearance
Surfaces in the Use Zone

If located within the use zone, the accessible ground surfaces must also be impact attenuating (ASTM 1292-99)
Surface inspection and maintenance

Accessible ground surfaces must be inspected and maintained regularly & frequently to ensure continued compliance with ASTM 1951-99.
Accessible Surfaces

ASTM 1951-99

Determination of Accessibility of Surface Systems Under and Around Playground Equipment

Adding surface bidding agents to Engineered Wood Fiber
Care and maintenance of surface material required
Elevated Accessible Routes

- Ramps
- Transfer Systems
Minimum Number of Elevated Components

50% of all elevated play components in a play area must be reached by an accessible route.

20 or more elevated components:
25% ramp + 25% ramp and/or transfer = 50%

Less than 20 elevated components:
ramp and/or transfer = 50%
Guide to ADA Accessibility Guidelines for Play Areas

FAQ'S

http://www.access-board.gov/indexes/pubsindex.htm
Sports facilities

- **Area of sport activity**: That portion of a room or space where the play or practice of sport occurs.

- **Accessible route to each area of sport activity**

- **Exempt from firm, stable, and slip resistant surface provision**
Team player seating areas

- Platform lift permitted
Area of sport activity

Court Sports –

Accessible route to directly connect both sides of the court
Accessibility not required to or in:

- Raised boxing or wrestling rings.
- Raised structures solely for refereeing, judging, or scoring a sport.
Exceptions: Press Boxes

Exempt if 500 sq ft or less (aggregate) and

• Located on bleachers entered on 1 level
• or elevated 12’ or more (free standing)
Press Boxes

Square footage applies to the gross floor area (including exterior) of all press boxes serving a playing field or other assembly area.
Dressing, Fitting, & Locker Rooms

Access to at least 5% of each type of locker, in each cluster.
[changing] Benches (903)

Size: (42” min. long, 20” – 24” deep)

clear floor space (parallel-short axis)
Saunas and Steam Rooms

• Where provided in a cluster, at least 5%, not less than one

• Turning space within the room—may be obstructed by readily removable seats

• Door swing can not swing into clear floor/ground space for bench
Exercise equipment and machines

- At least one of each type of equipment or machines
Exercise Equipment and Machines

- No requirement to modify equipment
- Clear space at equipment
- Controls and operating mechanisms exempt
Exercise equipment and machines

- Provide a 30 in x 48 in clear space and be served by accessible route
- Positioned for use by an individual using a mobility device
- Clear floor space or ground space for more than one piece of equipment permitted to overlap
Golf Courses

- In lieu of a compliant accessible route.
- Golf car passage - Continuous passage on which a motorized golf car can operate
- 48 inch minimum width
- 60 inches min width if handrails are provided
Golf courses

• Teeing grounds
• Where one or two - at least one
• Where three or more are provided - at least two
• Forward tee - accessible except in alterations where not feasible due to terrain
Golf courses

- Putting greens – each putting green designed and constructed so that a golf car can enter and exit
Driving ranges

- Where teeing stations or practice teeing grounds are provided, at least 5%, not less than 1
Miniature golf

- 50% of holes required to be accessible and consecutive
- Exception permits one break, provided the last hole is included
Miniature golf

- Accessible route may be provided on the playing surface, OR
Miniature golf

- Adjacent to the playing surface
- Golf club reach range—where ball can come to rest – 36 inches max from accessible route 1:20 max.

*Note: 1:20 maximum slope

Fig. 63
Golf Club Reach Range
Frisbee golf
Swimming pools

• Required means of access into the water
  • Over 300 linear ft of pool wall = 2
  • Less than 300 linear ft of pool wall = 1 lift or sloped entry
<table>
<thead>
<tr>
<th>POOL TYPE</th>
<th>SLOPED ENTRY</th>
<th>LIFT</th>
<th>TRANSFER WALLS</th>
<th>TRANSFER SYSTEMS</th>
<th>STAIRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swimming (less than 300 linear feet of pool wall)</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swimming (300 or more linear feet of pool wall) — two means of entry required</td>
<td>✓*</td>
<td>✓*</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Wave action, leisure river, and other pools where user entry is limited to one area</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Wading pools</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spas</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

*Primary means must be by sloped entry or lift, secondary means can be any of the permitted types.*
Sloped Entry

Fig. 72
Sloped Entry Submerged Depth

- Extend to 24 inches to 30 inches below stationary water level
- 1:12 maximum slope
- Handrails - 33 inches min - 38 inches max clear width
Sloped entry
Sloped entry
• Located where water does not exceed 48 inches
• Footrests – must be provided and move with seat
Pool lift

Armrest – if provided opposite water shall be removable or fold in raised or load position

Capable of unassisted operation – both deck and water
Transfer Wall

- Clear deck space - 60 inches x 60 inches, slope 1:48 maximum
- Height - 16 inches to 19 inches
Transfer System

- Platform
  - 19 in min depth
  - 24 in clear width
  - 16 in to 19 in height

- Surface - not sharp and rounded edges
Pool Stairs

- Comply with stairs provisions, except as modified

- Handrail width 20 to 24 inches

- Extensions not required at bottom landing
Spas

- At least one means of entry:
  - Lift - footrests not required
  - Transfer wall
  - Transfer system
- Where provided, in a cluster, 5% but not less than one
Wading pools

- At least one sloped entry - handrails not required
- Extend to the deepest part of the wading pool
Water slides

Accessible route required to edge of catch pool
Aquatic recreation facilities

- Aquatic recreation facilities (wave action pools, leisure rivers, and other pools where access is limited to one area)
- One means of access
- Pool lift, sloped entry, or transfer system
- Clear width of handrails on slope entry does not apply
Temporary facilities
Technical Assistance

• Publications and guides
• On-line guide
• Newsletter
• Webinar series

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