F1918-04 Audit

Site name:

Nickname:

Address:

City, State Zip:

Phone:

Performed by:

Date Performed:

Status:

Contained Play Standards and Requirements

Contained Play Playground Performance Standard:

This safety performance audit provides a comparison to current safety and performance standards for various types of contained play public playground equipment. Its purpose is to provide a method to reduce the potential for life threatening and debilitating injuries. The range of users encompassed by this audit specification is the 5th percentile 2 year-old to the 95th percentile 12 year-old. The standards in this document are taken from specifications provided in ASTM F 1918 ? 04 Standard Safety Performance Specification for Soft Contained Play Equipment, F 1487-01 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, ASTM F 1292-04 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment, F 1951 Specification for Determination of Accessibility of Surface Under and Around Playground Equipment, CPSC "Handbook for Public Playground Safety", and the NRPA national certification for playground safety program. This specification does not address accessibility, except as it pertains to safety issues not covered in The Americans With Disabilites Act Accessibility Guidelines.

Designer's and Manufacturer's Responsibilities:

The designer or manufacturer shall provide clear and concise instructions and procedures for the installation of each play structure designed and provided, F 1918 ? 04 Section 5 as well as a complete parts list ASTM F 1487-01 Section 11. Structural integrity tests are the responsibility of manufacturers. These tests are conducted on equipment at a test site and; not intended to be performed on equipment installed on the playground or as part of a routine maintenance program ASTM F 1918 ? 04 Section 10. Soft contained play equipment shall be manufactured and constructed only of materials that have a demonstrated durability in the playground or similar setting in compliance with ASTM 1918 ? 04 Section 5.

Owner's / Operator's Responsibilities:

The owner / operator shall follow the designer?s or manufacturer?s instructions and procedures to install all play structures provided. The designer of each play structure shall provide to the owner / operator clear and concise inspection, maintenance, and repair instructions, including but not limited to, what, when and how to inspect, maintain, and repair. Maintenance and cleaning procedures shall be provided by the manufacturer in accordance with ASTM 1918 ? 04 Section 11. Based on the manufacturer?s recommendations, the owner / operator shall train employees performing the regularly scheduled maintenance of play equipment. The training shall include but not be limited to inspection procedures, maintenance procedures, cleaning and sanitation procedures and emergency evacuation procedures. The owner / operator shall install protective surfacing within the use zone of each play structure in accordance with ASTM F 1292-04 appropriate for the fall height of each structure. The owner /operator shall establish and maintain detailed installation, inspection, maintenance and repair records for each public-use playground equipment area. The owner operator shall maintain the surfacing within and around the use zones, entrances and exits of the play structure, free from extraneous materials that could cause injury, infection or disease. ASTM F 1487-01 Section 13.

Inventory

Inventory item	Amount	Comments
Stairs, Stairways, Entry Platforms: Entry points to Soft Contained Play equipment		
1: Stairs, Stairways, Entry Platforms: Entry points to Soft Contained Play equipment		
2: Slides: Spiral or Straight. Note each slide and the number of connected tube pieces which make up the slide.		
3: Toddler Slides: Open Slides		
4: Plasitcs, Crawl Tubes & Junction Boxes: Tubes used as access to connect play units. Note the number of crawl tubes with and with out windows		
5: Crawl Tubes with Fabric Web: Used to access different levels of play and as abridge between components		
6: Plastics, Motion Components: Play activities combining web and plastics allowing users to sit and rock in an enclosed compartment		
7: Windows, Domes & Bubbles: To allow visibility to the unit		
8: Web and Vinyl Crawl Tubes: Use as play components for to connect motion activities		
9: Cargo Nets, Fabric Play Areas: Made of heavy net, Fabric or canvas.		
Other Play Equipment		
1: Climbers / Independent Play Activities: List any other designated play activities.		
2: Toddler Activities: Play activities including Foam Play: Puzzles and Toddler crawl activities		
3: Motion Destination Components: i.e. Car, Copter, Jet Blaster, etc.		
4: Open Slides (Fiberglass) Electronics (sound, lights, etc.)		

Status of All Safety Standards

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
1. BORDERS		
1.1 Indicate any concerns for borders on outdoor equipment		
1.2 Emergency Exits for indoor equipment		
2. GENERAL ENVIRONMENT CONCERNS		
2.1 The playground can be accessed safely by a sidewalk or clear path.		
2.2 Suitable barriers are provided for playground concerns within 100'		
2.3 Exits and Emergency doors are clearly marked.		
2.4 Seating is in good condition.		
2.5 Signs give information on age appropriateness of equipment (ASTM 1.2, CPSC 6.3)		
2.6 Play area is visible to deter inappropriate behavior (CPSC 6.2)		
3. GENERAL EQUIPMENT REQUIREMENTS		
3.1 Soft Contained Play Equipment. A play structure made up of one or more components where the user enters a fully enclosed play environment that utilizes pliable materials. (ASTM 3.1.29)		
3.2 Users shall not be able to exit from the contained equipment except at designated access and egress points. All accessible openings in the contained play equipment other than specified access/egress points shall not admit the torso probe as specified in the test procedure for completely bounded rigid openings (6.2.1.1) and as specified in the test procedure for completely bounded non rigid opening (6.2.2.1) (ASTM 8.1.1)		
3.3 Differences in height between two consecutive designated play surfaces shall not exceed 24" unless the lower designated surface is made to conform to Specification F 1292 for impact attenuation. (ASTM 8.1.2)		
3.4 Differences in height between two consecutive designated play surfaces shall not exceed 24" in locations where it is possible to enter the lower designated play surface from a passage blind to a user on the upper designated play surface. (ASTM 8.1.3)		
3.5 Any flexible material or device in a soft contained play system that is able to be stretched by a force of 50 LBF applied with the torso probe shall not contact any hard object. Flexible portions of the soft contained play equipment shall not be placed adjacent to potential impact hazards such as glass windows or furniture. (ASTM 8.1.4)		
3.6 Soft Contained Play Equipment should be designed to allow natural air circulation and lines of visibility between users and persons supervising play activity. (ASTM 4.2)		
3.7 When net or mesh is used on the accessible external portions of SCPE it must be non-climbable net or mesh in accordance with ASTM 6.8.		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
3.8 The accessible external portion of the SCPE will have a minimum height of 7' unless the ceiling height precludes this, in which case the accessible portion of the SCPE shall extend to the ceiling. (ASTM 8.1.5.2)		
4. PERFORMANCE REQUIREMENTS		
4.1 Head and Neck Entrapment - Soft contained play equipment shall be designed and constructed or assembled so that any accessible opening shall meet the performance requirements required to reduce the risk of head or neck entrapment by either a head first entry or feet first entry into the opening. (ASTM 6.2.1 - 6.2..3.1) Testing will be completed using the head and torso probes. (ASTM 6.2.1.1)		
4.2 Accessible Opening - A Completely bounded rigid opening is accessible when it is possible to insert the torso test probe into the opening to a depth of 4" or more. (ASTM 6.2.1) Tests per ASTM standards.		
4.3 Sharp points and Edges - There shall be no accessible sharp points or edges, on Soft contained play equipment. (ASTM 6.3 - 6.3.1)		
4.4 The open ends of all tubing not resting on the ground, or otherwise covered, shall be provided with caps or plugs that cannot be removed without the use of tools. (ASTM 6.3.2)		
4.5 Suspended members, such as rings on upper body equipment and swing seats, shall have a minimum radius of 0.25" on corners and edges. (ASTM 6.3.3)		
4.6 Cut off-bolt end projecting beyond the face of the nut shall be free of burrs, sharp points and sharp edges. (ASTM 6.3.4)		
4.7 Protrusions - There shall be no protrusions on the accessible portions of soft contained play equipment. Four protrusion test gages are required to determine whether projections are protrusions. (ASTM 6.4)		
4.8 Accessible Projections - A projection is not accessible and is not a protrusion when it is recessed or located in such a manner that does not allow any of the protrusions gages to be placed over it. Any of the following conditions describes a protrusion hazard. The projection fails the test and is a protrusion if it extends beyond the face of any of the three gages. Any projection on the front or rear surface of suspended members of swing assemblies which extends beyond the face of the test gage is a protrusion. (ASTM 6.4.1 - 6.4.3)		
4.9 Entanglement - There shall be no accessible entanglement hazards on soft contained play equipment. Three test gages, a feeler gage, and the means to accurately measure a 0.12" extension are required to determine whether entanglement hazards exist. (ASTM 6.5)		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
4.10 Projections from a Horizontal Plane - a projection that meets all of the all three of the conditions is and entanglement hazard. The projection fits within any of the three protrusion gages, it projects upwards from a horizontal plane, and the projection extends greater than 0.12" perpendicular (±5º) from the initial surface. (ASTM 6.5.2 - 6.5.2.3)		
4.11 Exposed Bolt End Projections - Any accessible bolt ends projecting beyond the face of the nut more than two full threads is an entanglement hazard. A bolt is inaccessible and not an entanglement hazard when it is not possible for any of the three protrusion gages to pass over it or if the bolt end is recessed and the 3.5" OD protrusion gage cannot be made to contact the bolt end when the outside curve of the gage is placed flat against the recessed area. (ASTM 6.5.3)		
4.12 Any projection that fits within any of the three protrusion test gages and increases in size or diameter from the initial surface to the outer end is an entanglement hazard. (ASTM 6.5.4)		
4.13 Connecting Devices - Connecting devices such as but not limited to, S-hooks, pelican hooks, and C-hooks, when properly closed, are not entanglement hazards. These connections are considered closed when there is no gap or space greater than 0.04" when measured with a feeler gage. (ASTM 6.5.5)		
4.14 S-Hook connectors are subject to the following requirements: (1) no portion of the closed end of an S-Hook lower loop shall project beyond the vertical boundary established by the upper loop. (2) An S-hook upper loop that completely overlaps the connector body shall not extend past the connector body. (3) An S-hook upper loop shall also be permitted to align with or partially overlap with the connector body. (ASTM 6.5.5.1)		
4.15 There shall be no crush, or shear points caused by junctures of two components moving relative to on another, or at an opening present at the junction of a stationary support and a rigid supporting member for a swinging element while the swinging elements are within their normal swinging angles. A crush or shear point is any point that entraps at one or more positions a 0.625" diameter rod. (ASTM 6.6)		
4.16 To reduce the likelihood of unintentional contact with a crush or shear point, an opening shall (1) an opening with a minor dimension of less than 1" when inserted point first into an opening, cannot be made to touch any crush or shear point. (2) an opening of 1" or more, shall require that the crush or shear point be located at a distance as specified in Table 1 from the plane of the opening ASTM 6.6 Table 1 Minimum Accessible Distance from and opening to a Crush or Shear Point. (ASTM 6.6.1 - 6.6.1.3)		
4.17 Rope, Cable, or chain shall be fixed at both ends and not be capable of being looped back on itself, creating and insider loop perimeter greater than 5". (ASTM 6.7)		
5. BALL POOL		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
5.1 Ball Pool, There shall be no designated play surfaces in ball pools other than the floor of the ball pool itself, except at designated access/ egress points. (ASTM 8.81)		
5.2 Are there balls in the ball pool?		
5.3 Ball pool net and lacing free of cuts. Net is non-climbable net or Mesh. (ASTM 6.8)		
5.4 Balls in pool reach proper level determined by manufacturer recommendation		
6. ACCESS AND EGRESS		
6.1 Steps and rungs shall be evenly spaced within a tolerance of ±0.25" and horizontal within a tolerance of ±2º. (ASTM 7.1.1)		
6.2 Steps and rungs shall not trap water and should not encourage the accumulation of debris. (ASTM 7.1.2)		
6.3 See ASTM 1918 - 04 Table 2 for access slope, tread, rung, or ramp width, tread depth, ladder rung diameter, and vertical rise. (ASTM 7.1.3)		
6.4 Continuous handrails or alternative means of hand support shall be provided on both sides of stairways and stepladders that have more than one tread. (ASTM 7.1.4.1)		
6.5 Handrails shall be between 0.95" and 1.55" in diameter or maximum cross section. (ASTM 7.1.4.4)		
6.6 Handrails or other means of hand support shall be available for use at the beginning of the first step. (ASTM 7.1.4.3)		
6.7 Handrails or other means of hand support height shall be between 22" and 38". (ASTM 7.1.4.5)		
6.8 Spiral stairways shall meet the general requirements for spacing, orientation, drainage, tread width, and vertical rise. (ASTM 7.1.1 - 7.1.3)		
6.9 the depth of the outer edge of the tread on spiral stairways shall be 7" or greater on equipment for 2-5 and 8" or greater on equipment for children 5-12. open or closed risers. (ASTM 7.2.1.2)		
6.10 Spiral stairways shall meet the general requirements for handrails in 7.1.4. however, when design of the stairway does not permit handrails on both sides of the stairway, a continuous handrail or alternative means of hand support shall be provided along the outside perimeter of the steps. (ASTM 7.2.1.3)		
6.11 On stairways and stepladders, there shall be a continuation of handrails from the access to the platform. (ASTM 7.3.1)		
6.12 On accesses that do not have handrails or alternate means of hand support such as rung ladders or flexible components, there shall be alternative hand-gripping support to facilitate the transition to the platform. (ASTM 7.3.2)		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
6.13 For rung ladders, flexible components, and arch climbers, the stepping surface used for final access shall not be above the designated play surface it serves. (ASTM 7.3.3)		
6.14 Platforms horizontal within ±2º		
6.15 Steps and platforms are free of obstacles and debris		
6.16 When an accessible entrance for disabled users is provided, a means for egress shall also be provided. (ASTM 7.5.1)		
6.17 All Accessible entries shall provide wheelchair parking spaces meeting the requirements of ADAAG.		
6.18 All wheelchair parking spaces should be clear of obstructions, and not overlap other access and egress use zones. (ASTM 7.5.3)		
6.19 Hard rungs that are used for hand grip shall be between 0.95" and 1.55" in diameter. Padded rungs that are used for hand grip shall be between 0.95" and 1.55" in diameter when fully compressed. Padded rungs that are used for hand grip shall be no larger than 1.55" in diameter when not compressed. (ASTM 8.2.1 - 8.2.3)		
6.20 All rungs used for hand grip, and any padding used on them, shall not spin, rotate, or roll while in use. (ASTM 8.2.4)		
6.21 The horizontal distance from the leading edge of the takeoff or landing structure or both, out to the center line of the first handhold of upper body equipment shall be no greater than 10". Additionally, where the takeoff or landing point is provided by means of rungs, the horizontal distance to the first handhold shall be at least 8" but not greater than 10". (ASTM 8.2.6)		
6.22 Climbers or Chutes used for access shall provide a means of hand support for use while climbing. (ASTM 8.2.8)		
6.23 Sliding poles are not recommended in soft contained play equipment. (ASTM 8.3.1)		
6.24 The top surface of balance beams shall be no greater than 12" above the underlying surface. (ASTM 8.4.1)		
7. HARDWARE - PIPE WORK, SCREWS, NUTS & BOLTS		
7.1 Hardware General Concerns:		
7.2 Equipment is free of rust and chipping paint		
7.3 Equipment is free of sharp edges, splinters or rough surfaces and shows no excessive wear. (CPSC 9.1)		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
7.4 Hardware: Nuts and bolts are tight and not able to be loosened without tools. Upon close inspection, they show no loose play or excessive wear (CPSC 8.2, ASTM 4.2). Equipment is free of rust and chipping paint (CPSC 8.1, ASTM 4.2.1). Equipment is free of sharp edges, splinters or rough surfaces and shows no excessive wear (CPSC 9.1, ASTM 6.2). Ropes, chains and cables have not frayed or worn out (CPSC 7.2, ASTM 4.2.3.1) Equipment has not shifted or become bent (CPSC 8.1) There is no corrosion or visible rotting at points where equipment comes into contact with ground surface (CPSC 7.2, 8.1, ASTM 4.1). No components are missing. All parts of the equipment are present and in good working order with no loose play or excessive wear in moving parts (CPSC 7.2, 8.1, ASTM 4.2). Handgrips are between 0.95" and 1.55" in diameter (CPSC 10.2.1, ASTM 7.1.4.4). Footings		
7.5 A padded or pliable covering shall be used on exposed pipes at entrance and exit areas to minimize edge and blunt object hazards. All pipe covering shall extend to a minimum of 7 ft above the resilient surface or designated play surface unless the ceiling height or enclosed component height precludes this, in which case the pipe covering shall extend to the ceiling or top of the enclosed component. (ASTM 8.1.6)		
7.6 Electrical ties are cut and rounded to avoid protrusion (ASTM 3.1.26)		
7.7 Screws, nuts, and bolts are in place and not loose > 2 threads (ASTM 3.1.24, 6.4 and 6.5.3)		
7.8 Bolt ends below 7 ft in height have smooth finished caps and covers and are free from protrusion (ASTM 6.3.4 and 6.4)		
7.9 Sneaker keeper bolts located at base of structure are capped		
7.10 Sneaker keeper is securely fastened to the floor		
7.11 Top of sneaker keeper is properly sloped (higher in front)		
7.12 Test procedure for non-climbable net or mesh. A net or mesh is non-climbable if the toe probe enters equal or less than 0.5" deep. (ASTM 6.8)		
7.13 Netting attachment system is intact, all fasteners shall meet the general requirements for soft contained play equipment. (ASTM 5.1 - 5.2.3)		
7.14 Flexible Components used as access to other components shall be securely connected at both ends. (ASTM 7.2.2, 3.1.17, 3.1.31)		
7.15 Web crawl fabric free of holes, tears, or cuts open > 3.5" and meet performance requirements relative to entrapment. (ASTM 6.0)		
7.16 Web crawl stitching is not loose or damaged. (ASTM 3.1.17, 3.1.31)		
7.17 Hardware, staples, or fastening devices used in the construction of padding or upholstered constructions or both, shall not have hidden sharp points or hazards when the surface of the pad or upholstered construction is fully compressed by a user. (ASTM 8.7.1)		

Soft Contained Playground Audit. 8. SLIDES / PLASTICS / TUBES	Compliant / Non-compliant	Comments
8.1 Slides, especially in their entrance areas, together with their means of attachment, pose a greater risk o entanglement than other play components. A projection that meets both of the following conditions is an entanglement hazard: (1) the projection allows one of the three protrusion gages to pass over it and contact the initial surface, and (2) the projection extends perpendicular (±5°) from the initial surface more than 0.12". (ASTM 6.5.1. - 6.5.1.1)		
8.2 Slides shall be constructed in such a manner as to provided a smooth continuous sliding surface, with no gaps or spaces that might create an entanglement hazard such as but not limited to the space created between sidewalls when two single slides are combined to create a doublewide slide or the point where the hood attaches to the sidewalls of a slide. (ASTM 6.5.1.2)		
8.3 At the entrance to open bedway slides there shall be a means to channel the user into a sitting position. (ASTM 8.5.1)		
8.4 Any change in the slope of a slide shall not allow a user to lose contact with the sliding surface. For Straight slides the height to length ratio of the sliding surface shall no exceed 30 degrees as measured in ASTM A1.16 (ASTM 8.5.2, 8.5.3)		
8.5 No span of the sliding surface shall have a slope that exceeds 50 degrees. (ASTM 8.5.4)		
8.6 The slide chute inside width shall be 12" or greater for 2-5 or 16" or greater 5-12. (ASTM 8.5.5)		
8.7 Slides with flat, open cutes shall have sidewalls with a height 4" or greater, that extend along both sides of the chute for the entire length of the sliding surface. (ASTM 8.5.6)		
8.8 Straight slides shall be permitted to have a chute with a circular, semicircular, or curved cross section, provided that the heights of both sides are 4" when measured at right angles above a horizontal line that is 12" for 2-5 or 16" for 5-12. (ASTM 8.5.7)		
8.9 The internal diameter of tube slides shall be 23" or greater. (ASTM 8.5.9)		
8.10 There shall be no crush, shear, entrapment, entanglement or catch points between the junctures caused by two or more components of a roller slide. Test is conducted using 0.19" diameter neoprene test rod. (ASTM 8.5.10)		
8.11 For slides 4' high or less the slide exit height does not exceed 11" above the protective surfacing. (ASTM 8.5.11.1)		
8.12 For slides greater than 4' high, the slide exit height is between 7" and 15" above the protective surfacing. (ASTM 8.5.11.1)		
9. DOMES & WINDOWS		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
9.1 Windows in slides must be completely covered with a transparent material. Window and their means of attachment must meet the requirements for projections found in ASTM 6.4. (ASTM 6.5.6)		
9.2 All windows and domes are securely in place		
9.3 Domes and windows are free of loose/missing bolts		
9.4 Domes and windows are free of fractures, breaks or damage fracture > 5/8"		
10. OTHER CONTAINED PLAY EQUIPMENT		
10.1 Air filled devices shall meet the structural integrity criteria as specified in ASTM Section 10, without the designated play surface of the of the device contacting a hard substrate or floor when fully loaded. (ASTM 8.6.1)		
10.2 Air filled devices upon which users are intended to walk or crawl shall be secured to minimize lateral movement during use. (ASTM 8.6.2)		
10.3 Blowers and electrical cords shall be kept out of reach of the public located in a non-use zone (ASTM 8.6.3)		
10.4 Electrical cords shall not pass under the air filled device and shall not interfere with its operation. (ASTM 8.6.4)		
10.5 Air filled devices shall be fully inflated before users are allowed inside. (ASTM 8.6.5)		
10.6 Log rolls are not recommended for children under 5 years of age. (ASTM 8.9.1)		
10.7 The highest point of the top surface of the roller shall be no greater than 18" above the underlying surface. (ASTM 8.9.2)		
10.8 Rigid hand-gripping components shall be provided, and shall aid in mounting and dismounting the roll, and maintaining balance while in use. (ASTM 8.9.3)		
10.9 Track Rides are not recommended for children under 5 years of age. (ASTM 8.10.1)		
The lowest portion of the hand-gripping component shall be a minimum of 64" above the surface. The maximum height shall not exceed 78". (ASTM 8.10.2)		
The vertical distance between the overhead hand gripping component and the surface shall be uniform throughout the length of the ride. (ASTM 8.10.3)		
Track Rides should be designed to prevent structural elements from obstructing the user in the landing area. The center to center distance between adjacent tracks should be at least 48". (ASTM 8.10.4 - 8.10.6)		
When the rolling portions of the hand-gripping component are enclosed within the track beam, the track assembly is exempted for the crush and shear requirements. (ASTM 8.10.7)		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
Shoe bins are not considered play components and do no require protective surfacing. Shoe bins should be placed in an area which discourages climbing. (ASTM 9.4.3)		
11. SIGNAGE		
11.1 The owner/operator shall ensure that signage is properly displayed showing appropriate ages for the soft contained play equipment and the need for adequate supervision of children using the equipment. (ASTM 11.9.1)		
12. SAFETY SURFACE		
12.1 Safety surface is clear of seating.		
12.2 The Use Zone shall be covered with impact attenuating surfacing that meets Specification F 1292 for the highest designated play surface of the equipment.		
12.3 Safety surface is free from gaps or trip hazards		
13. USE ZONES		
13.1 Use Zones adjacent to all entrances and exits to the soft contained play equipment except slides shall be free of obstacles and covered with resilient surfacing meeting Specification F 1292 - 04 for the highest designated play surface outside the contained area of the equipment and for a minimum distance of at least 60" from all portions of the entrance and exit which are outside of the contained area of equipment. (ASTM 9.1- 9.1.2)		
13.2 Use Zones for entrances and exits shall be permitted to overlap.		
13.3 Use Zones for entrances and exits shall be permitted to contain a barrier is such a barrier is parallel to the edge of the entrance or exit, and if the barrier is continuous and pliable or padded, or both. (ASTM 9.2.3)		
13.4 A slide use zone free of all equipment and obstructions shall be maintained around and 3" under all accessible parts of the slide. The slide use zone shall be covered with impact attenuating surfacing that meets the requirements of Specification F 1292 - 04 for the highest designated play surface of the accessible parts of the slide or for a height of 1' which ever is greater.		
13.5 Slides that do not have a completely bounded cross section (open slides) must meet the use zone requirements found in F 1487. (ASTM 9.3.2.1)		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
13.6 The slide use zone for enclosed slides shall extend a least 60" from all portions of the accessible parts of the slide except directly in front of the slide exit. The slide use zone directly in front shall be (1) if the length of the slide run out (measured from the 5º transition point to the end of the slide exit) is greater than or equal to 36" the n the slide exit use zone in front of the slide shall extend at least 60" from the end of the slide. (2) if the length of the slide run out (measured front the 5º transition point to the end of the slide exit) is less than 36", then the slide exit use zone in front of the slide exit shall extend at least 72" from the end of the slide. (ASTM 9.3.3.2)		
13.7 Play activities and transfer station parking places shall not be present in the slide exit use zone. (ASTM 9.3.4)		
13.8 Slide use zones shall be permitted to overlap with other play equipment use zones if the highest designated play surface of both components are 30" or less above the top of the protective surfacing. Slide use zones directly in front of the slide exits shall not overlap. (ASTM 9.3.5)		
13.9 Play components with a designated play surface, other than slides and entrances and exits, which are outside the contained are but attached to the soft contained play equipment, shall have a use zone which extends 60" from all parts of the component that is outside the SCPE. Surfacing must meet F1292. (ASTM 9.4.1)		
Zones out side the SCPE may overlap if the highest designated play surfaces of both components are 30" or less above the top of the protective surfacing. (ASTM 9.4.2)		
External portions of the SCPE which serve only to enclose the equipment and contain no designated play surfaces are exempt from use zone requirements. (ASTM 9.5.1)		
14. MAINTENANCE		
14.1 The designer or manufacturer of each play system shall provide to the original owner/operator, maintenance hygiene instructions. (ASTM 11.2.1)		
14.2 The manufacturer's maintenance instructions shall include recommendations for non-flammable, non-toxic cleaning and sanitizing solutions known to be compatible with materials used in the construction or play equipment. (ASTM 11.2.1.1)		
14.3 Information provided to the owner/ operator must meet all the items found in ASTM F 1918 - 04 Section 11.		
14.4 All Gates to inaccessible areas are to be locked at all times. (ASTM 11.8.1)		
15. FIRE SAFETY / EVACUATION		
15.1 Fire safety here applies to SCPE in an indoor setting.		

Soft Contained Playground Audit.	Compliant / Non-compliant	Comments
15.2 The building shall be protected by an approved, automatic smoke detection system in accordance with the NFPA 101 (Life Safety Code). Actuation of any smoke detection system device shall sound an audible alarm at a constantly attended location on the premise. (ASTM 12.2.1)		
15.3 Exit Signage is to be provided by the owner/operator at each access/egress point in accordance with NFPA 101.		
15.4 Emergency Lighting in accordance with NFPA 101.		
15.5 Evacuation route - the shortest adjusted exit path length from any point within the SCPE to the nearest exit or emergency access/egress pathway shall be no more than 40 ft. (ASTM 13.1)		
15.6 An emergency access/egress pathway shall have a cross section of not less than 39" in width, height, or diameter. (ASTM 13.2.2)		
15.7 No dead end shall have a cross section of less than 23". (ASTM 13.3.1)		
15.8 Dead ends with cross sections less than 39" shall not exceed a maximum of 120" long from the passage entry point, measured along the centerline, provided there is a turn around at the end of the dead end.. The turn around shall have minimum cross section dimensions of 39" in all directions. A sphere with a diameter of not less than 39" meets this requirement. (ASTM 13.3.2.1)		
15.9 Dead ends shall not be longer than 72" from the passage entry point, measured along the centerline if the smallest cross section is less than 39".		
Dead ends with cross sections equal to or greater than 39" shall not be longer than 240" from the passage entry point, measured along the centerline.		
For dead ends with less than 39" cross sections and multiple turnarounds, any path length from the passage entry point, measured along the centerline, shall be less than 120". (ASTM 13.3.4)		
16. OTHER PLAYGROUND ITEMS NOT SCPE EQUIPMENT		
16.1 All electrical power sources are inaccessable		
16.2 Electrical outlets child proofed		
16.3 Electrical outlets free of loose wires		
16.4 Electrical outlets GFCI Protected		
16.5 Doors with adequate alarms and signage		
16.6 Emergency exit doors with fire alarms		
16.7 Video Equipment securely fastened to the floor		
17. OUTDOOR/TRADITIONAL EQUIPMENT		
17.1 Use ASTM 1487 - 01 and appropriate audit.		

Notes

Disclaimer

Playground Audit Disclaimer

The Total Playground Management standard audit form is based on ASTM and CPSC standards. Audits are typically completed only once unless equipment is added or removed, or an accident occurs.

The Audit provides recommendations for the designated playground based on current ASTM and CPSC standards. It is acknowledged that the audit performed only represents the condition of the playground as of the date and time of the audit and is not a continuing evaluation of any conditions on such playground.

The Inspector or Third Party Contractor has only been requested to audit the playground specified as indicated on the attached form, and no other playground has been audited.

Total Playground Management, Inc. is not responsible for the performance of the Auditor / Inspector. Forms are provided as a guideline and are not intended to replace the current published ASTM, CPSC or Manufacturers standards.

Customer agrees to indemnify and hold harmless Auditor / Inspector for any damages, claims, suits or actions brought against Customer and/or Auditor / Inspector attributable to the use by any party of any playground operated by Customer, unless due solely to the negligence of Auditor / Inspector in its audit.

It is acknowledged by the customer that Total Playground Management, Inc. is providing the form and the storage system for the records regarding the playground and is not responsible for the accuracy or performance of any persons performing audits or inspections. It is acknowledged by customer that auditor / inspector is only performing an audit and is not performing any repairs or maintenance on any playground which is the sole responsibility of the customer.

This Agreement shall be constructed pursuant to the laws of the state of Colorado and jurisdiction for any suit or legal action shall lie solely in Douglas County, Colorado. All attachments to this Agreement and any documents provided herewith shall form part of this Agreement. All modifications to this Agreement shall be effective only if in writing signed by both parties.