



**Schools Insurance Authority
Playground Audit/Inspection**

District: _____

School: _____

Play Site Location: _____ Age of Intended User: _____

Equipment Manufacturer: _____

Equipment Installer: _____

Date of Inspection: _____

Inspector(s): _____

C	NC	N/A	SURFACING MATERIAL	Comments
			Surfacing material is free of debris, weeds, and standing water. <i>CPSC 2.4.2</i>	
			Area is free of trip hazards	
			All anchoring posts and devices are below material	
			Loose-fill surfacing material:	
			Fall material is a minimum of 9 inches deep <i>CPSC 2.4.2.2</i>	
			Fall material is evenly distributed (i.e. it is not piling up under platforms, etc.) <i>CPSC 2.4.2.2</i>	
			Fall material is loose and ample <i>CPSC 2.4.2.2</i>	
			Unitary surfacing material:	
			Surfacing material is in good condition	

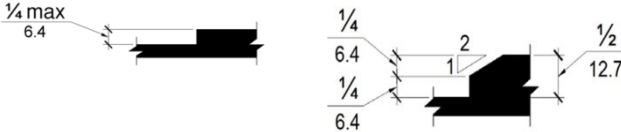
Type of fall material: _____

ASTM F1292-99/04, F1951-99 and F2075 (if engineered wood fiber) certifications/test results on file: _____

Playground documentation file created (instructions, warranty/liability info, EWF installation instructions: _____

Additional comments regarding fall material: _____

C	NC	N/A	USE ZONES	Comments
			Use zone around stationary equipment is 72" <i>ASTM 9.2.1</i> - Adjacent play structures - 30" or less can be 6'; more than 30" must be 9' <i>ASTM 9.2.3</i>	
			Use zone in front of slides is minimum 6' – maximum 8' <i>ASTM 9.6.2.1</i> - Slides greater than 6 feet, use zone in front should be as long as the slide is tall up to a max of 8 feet. <i>CPSC 5.3.6.5</i> - Use zone shall never overlap another use zone. <i>CPSC 5.3.6.5</i>	
			Use zone for rotating play equipment is 72" <i>ASTM 9.3.1</i> - Use zone may not overlap any other equipment <i>ASTM 9.3.2</i>	
			Use zone for swings is twice the height of surface material to the pivot point <i>ASTM 9.4.1.1</i> - Front-to-rear use zone cannot overlap any other equipment. <i>CPSC 5.3.8.3.1</i> - Use zone 6 feet from support posts <i>CPSC 5.3.8.3.3</i> - Use zone of support structure for adjacent swings may overlap <i>ASTM 9.4.1.5 (1)</i>	
			Use zone for bucket seat swings is twice the height from seat to the pivot bar <i>ASTM 9.4.1.2, CPSC 5.3.8.3.3</i> - Use zone 6 feet from support posts <i>CPSC 5.3.8.3.3</i>	
			Use zone for multi-axis swings is the height of the swing seat to the pivot point plus 72" <i>ASTM 9.4.1.2</i> - Use zone 6 feet from support posts <i>CPSC 5.3.8.4</i> - Use zone cannot overlap any other equipment <i>CPSC 5.3.8.4</i> - Use zone of support structure for adjacent swings may overlap <i>ASTM 9.4.2.5, CPSC 5.3.8.4.1</i>	
			Use zone for rocking/springing play equipment - 72" if user is intended to sit <i>ASTM 9.5.1.1</i> - May overlap when each structure consists of a seat with height of 30" or less <i>ASTM 9.5.1.2</i>	
			Use zone for rocking/springing play equipment - 84" if user is intended to stand <i>ASTM 9.5.2.1</i> - Use zone may not overlap any other equipment <i>ASTM 9.5.2.2</i>	
			Use zone for a track ride shall extend no less than 72" in all directions <i>ASTM 9.9.1</i>	
			Overhead obstructions within the use zones are 84" above designated playing surfaces and pivot of swings. <i>ASTM 8.14.1 (roofs) and ASTM 9.8.4.1 (Also Roof 8.14.2 – if less than 84", does not contain designated play 2"x2"flat surface)</i>	

C	NC	N/A	ACCESSIBILITY	Comments
			<p>Accessible route outside and access point into play area</p> <ul style="list-style-type: none"> - 60" minimum clear width w/ designated entrance <i>2016 CBC 11B-1008.2.4.1</i> - 44" minimum clear width if play area less than 1000 sq. feet. - Exterior walkway may be narrowed to 36" for a distance of 60" (i.e. tree narrows path) - 80" vertical clearance along ground level accessible route <i>2016 CBC 11B-1008.2</i> - No change in level greater than 1/4" vertical or 1/2" beveled along path of travel at ramp and entrance to the play area. <i>2016 CBC 11B-1008.2 and 11B-303</i>  <ul style="list-style-type: none"> - Maximum entrance ramp slope is no more than 5.0% (1:20) into the play area w/o handrails. <i>2016 CBC 11B-403.3</i> With handrails 6.25% (1:16) <i>2016 CBC 11B-1008.2.5</i> 	
			<p>Accessible route/clear ground space inside play box</p> <ul style="list-style-type: none"> - 60" minimum clear width to transfer platform and each ground level play component <i>2016 CBC 11B-1008.2.4.1</i> - Minimum 30" wide x 48" long clear ground space positioned for forward or parallel approach to the ground level play component <i>2016 CBC 11B-1008.4.2</i> - Accessible elevated play component route – minimum 36" wide, can be reduced to minimum 32" for a distance of 24" <i>2016 CBC 11B-1008.2.4.2</i> - Minimum 24" allowable at transfer steps 	
			<p>Transfer platform</p> <ul style="list-style-type: none"> - 11" to 18" above the protective surfacing - Minimum 14" deep x 24" wide <i>2016 CBC 11B-1008.3.1.2</i> - Transfer support provided <i>2016 CBC 11B-1008.3.1.4</i> - Minimum 48" x 48" transfer space area adjacent to and centered on the platform <i>2016 CBC 11B-1008.3.1.3</i> - May be primary access if play area has less than 20 elevated play components <i>2016 CBC 11B-1008.2.1</i> 	

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		<p>Transfer steps:</p> <ul style="list-style-type: none"> - 24" wide minimum <i>2016 CBC 11B-1008.3.2.1</i> - 14" deep minimum - 8" high maximum <i>2016 CBC 11B-1008.3.2.2</i> - Contrast striping on upper approach and each stair tread - full width 2-4" wide stripe, within 1" maximum from front edge. Paint is acceptable <i>2016 CBC 11B-1008.3.2.4 and 11B-504.4.1</i> 	
		<p>Entry point/seats on play equipment (i.e. swings, play bench, any element requiring transfer to a seat)</p> <ul style="list-style-type: none"> - 11" to 24" to top of seat above protective surfacing <i>2016 CBC 11B-1008.4.4</i> - Swings only - Minimum 60" circle or T-shaped turning space located immediately adjacent to swing <i>2016 CBC 11B-1008.4.1</i> 	
		<p>Play tables: (tables for 2-5 may be parallel approach)</p> <ul style="list-style-type: none"> - 24" high minimum knee clearance <i>2016 CBC 11B-1008.4.3</i> - 31" maximum height of table - 30" wide minimum - 17" deep minimum 	
Required # of accessible play components:			
		<ul style="list-style-type: none"> - Ground level (<i>see Table A for appropriate number. See Table B for recommended reach range to highest operable part of play element.</i>) <i>2016 CBC 11B-240.2.1</i> 	
		<ul style="list-style-type: none"> - Elevated – at least 50% of the total elevated play components must be on an accessible route from the transfer platform <i>2016 CBC 11B-1008.2.2</i> 	

TABLE A: Required Number of Play Components

Number of elevated play components provided	Minimum number of ground-level play components required to be on accessible route	Minimum number of different types of ground-level play components required to be on 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	4

TABLE B: Recommended Reach Ranges

Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12	Compliance Requirement
<i>High (maximum)</i>	36 inches	40 inches	44 inches	48 inches
<i>Low (minimum)</i>	20 inches	18 inches	16 inches	15 inches

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			If playground has 20 or more elevated play components:	
			Elevated accessible routes: <ul style="list-style-type: none">- Ramp to elevated play components required- Minimum 36" wide ramp width- Ramp - handrail height between 20" and 28"- Maximum 12" ramp rise	
			Landings <ul style="list-style-type: none">- Minimally as wide as the ramp at bottom and top landing- Top landing - minimum length 60" to allow for direction change- Minimum 60" turning space	

C	NC	N/A	STAIRWAYS, LADDERS AND HANDRAILS	Comments
			Rung ladders, climbing nets, arch climbers, tire climbers are not used as the sole access on equipment intended for pre-school age children <i>ASTM 7.3.2.1</i> <ul style="list-style-type: none"> - Flexible access components for 2-5 years allows user to bring both feet to same level before ascending to next level <i>ASTM 7.3.2.4</i> 	
			Flexible components used for access are securely connected at both ends <i>ASTM 7.3.2.2</i> <ul style="list-style-type: none"> - Anchoring device must be beneath the ground surface material <i>ASTM 7.3.2.2, CPSC 5.3.2.3</i> 	
			Climbers used for access have hand support for use while climbing <i>ASTM 7.3.2.5, CPSC 5.2.4</i>	
			Rungs and handrails have a diameter between .95 and 1.55 <i>ASTM 7.2.6.4</i> <ul style="list-style-type: none"> - Handgrips are secured to prevent turning <i>CPSC 5.2.2</i> - Between .60" and 1.20" for toddlers <i>CPSC 5.2.2</i> 	
			The stepping surface used for final access (for rung ladders, flexible components, arch climbers, etc.) is not above the designated play surface it serves. <i>ASTM 7.4.3</i>	
			<p>Handrail height: Vertical distance between the edge of the step and the top surface of the handrail is (<i>CPSC 5.2.3.1</i>):</p> <ul style="list-style-type: none"> - Between 15" and 20" for toddlers - Between 22" and 26" for preschool age - Between 22" and 38" for school age - Begins with the first step <p><i>Vertical infill for protective barriers may be preferable for younger children because the vertical components can be grasped at whatever height a child chooses as a handhold</i></p>	
			All steps greater than 48 inches above the protective surfacing have a protective barrier instead of a handrail. <i>ASTM 7.5.6.1 (1)</i>	
			PLATFORMS	
			Maximum difference in height between stepped platforms are (<i>ASTM 7.5.7.1</i>) <ul style="list-style-type: none"> - 7" for toddlers - 12" for preschool age children - 18" for school age children - If difference is more than noted, an access component is needed <i>CPSC 5.1.2</i> 	
			Openings between platforms are not a head entrapment hazard <i>CPSC 5.2.1</i>	
			If the space between platforms exceeds 9" and the height of the lower platform exceeds 30" for preschool or 48" for school age, in-fill is used to reduce the space to less than 3.5" <i>CPSC 5.1.2</i>	
			Platforms intended for toddlers are no more than 32" above the protective surfacing <i>CPSC 5.1.1</i>	

C	NC	N/A	GUARDRAILS AND PROTECTIVE BARRIERS	Comments
			Openings between uprights and between barrier and platform surface are not a head entrapment hazard <i>CPSC 5.2.4</i>	
			Guardrails and barriers (<i>CPSC 5.1.3</i>): <ul style="list-style-type: none"> - Designed to prevent falls off the platform - Discourage climbing on the barrier - Aid supervision 	
			Guardrails/barriers completely surround elevated platform except for entrance and exit opening (<i>ASTM 7.5.5.2 (2), ASTM 7.5.6.3 (3), CPSC 5.1.3</i>) <ul style="list-style-type: none"> - 15" maximum to access play event - If more than 15", must have one top rail of a guardrail - Stairs, ramps and upper body equipment are exempt from this requirement 	
			Solid panels used as infill have transparent areas to facilitate supervision and permit viewing from platform. <i>CPSC 5.1.3</i>	
			Guardrails are provided for preschool age (<i>ASTM 7.5.5.1, 7.5.5.3, 7.5.5.4</i>): <ul style="list-style-type: none"> - Elevated surface more than 20" but not over 30" above protective surface - Minimum height of top rail is 29" - Maximum height of lower rail is 23" 	
			Guardrails are provided for school age (<i>ASTM 7.5.5.1, 7.5.5.3, 7.5.5.4</i>): <ul style="list-style-type: none"> - Elevated surface more than 30" but not over 48" above protective surface - Minimum height of top rail is 38" - Maximum height of lower rail is 28" 	
			Barriers are provided for toddlers (<i>CPSC 5.1.3</i>): <ul style="list-style-type: none"> - Elevated surface more than 18" above protective surface - Minimum height of barrier is 24" - Guardrails are not recommended 	
			Barriers are provided for preschool age (<i>ASTM 7.5.6.1, ASTM 7.5.6.4</i>): <ul style="list-style-type: none"> - Elevated surface more than 30" above protective surface - Minimum height of barrier is 29" 	
			Barriers are provided for school age (<i>ASTM 7.5.6.1, ASTM 7.5.6.4</i>): <ul style="list-style-type: none"> - Elevated surface more than 48" above protective surface - Minimum height of barrier is 38" 	

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C	NC	N/A	DURABILITY & FINISH	Comments
			<p>Metal surfaces painted or treated to prevent rust (CPSC 2.5.3):</p> <ul style="list-style-type: none"> - Bare metal slides or platform surfaces are to be avoided unless away from the sun or covered 	
			<p>Painted surfaces are in good shape and not chipped CSPC 2.5.4</p>	
			<p>Wood structures or play elements are in good condition ASTM 4.1.3, CSPC 2.5.5</p> <ul style="list-style-type: none"> - Wood support posts are undamaged below fall material. 	
			<p>Plastic materials and components are in good condition ASTM 4.1.1</p>	
			HARDWARE	
			<p>All nuts, bolts, pins, lock washers and other connectors are present and cannot be loosened or removed without the use of a tool ASTM 4.2.2, CPSC 2.5.2</p>	
			<p>All posts are capped and sealed CPSC 2.5.2</p>	
			<p>Hardware in moving joints are secure CPSC 2.5.2</p>	
			<p>All S-hooks are closed so there is no gap or space greater than .04" or wide enough to admit a dime. CPSC 2.5.2</p>	
			PROJECTIONS, PROTRUSIONS AND ENTANGLEMENTS	
			<p>Equipment is free of sharp points and corners are rounded. Caps or plugs cover exposed open ends of tubing. Wood parts are smooth and free of splinters. CPSC 3.4</p>	
			<p>Protrusions and projections do not extend beyond the face of any of the 3 gauges nor increase in the direction away from the surrounding surface nor project beyond the face of the nut more than 2 full threads. ASTM 6.4.3, ASTM 6.3.2, CPSC 3.2</p>	
			<p>Equipment is free of entanglements. <i>A projection is not an entanglement hazard unless the following are present (ASTM fig A1.15):</i></p> <ul style="list-style-type: none"> - Projection must fit within a projection gauge. - Projection must be above the horizontal plane. - Projection must have perpendicular sides. - Projection must extend more than 1/8" from initial surface 	
			<p>Recessed bolts are not entanglement or protrusion hazards. ASTM 6.4.3</p> <ul style="list-style-type: none"> - If the curved surface of the gauge touches the bolt, it is subject to the protrusion tests. 	
			<p>Projections do not increase in size from their initial surface more than 1/8" in width and depth creating an entanglement hazard. ASTM 6.4, CPSC 3.2</p>	
			<p>Protrusions on swing assemblies (CPSC 5.3.8.5):</p> <ul style="list-style-type: none"> - Using the swing test gauge, no bolt or component protrudes beyond it (1/8"). 	

C	NC	N/A	PROJECTIONS, PROTRUSIONS AND ENTANGLEMENTS (CONT.)	Comments
			Connecting devices on swings (<i>ASTM 6.4.5.1, CPSC 5.3.8.1</i>): <ul style="list-style-type: none"> - S-hooks, C-hooks, pelican hooks, etc. are closed so there is no gap or space greater than .04" - No portion of the lower loop of an S-hook projects beyond the vertical boundary of the upper loop - Upper loop of S-hook may align, partially overlap or completely overlap without extending past the connector body - S-hook lower loop aligns with connector body and does not overlap. 	
			Protrusions on slides : <ul style="list-style-type: none"> - Not greater than 1/8" - Slide has a smooth, continuous sliding surface without any gaps or spaces that may create an entanglement hazard <i>ASTM 6.4.1.2</i> 	
			No accessible crush or shear points which may be caused by components moving relative to each other or to a fixed component <ul style="list-style-type: none"> - Roller slides – use 3/16" dowel - Merry-Go-Rounds – use 5/16" dowel (<i>test gap between understructure and top surface</i>) - Common crush/shear – use 5/8 " dowel (Section 5 item #1). <i>ASTM 6.5, 8.9.2, 8.8.4.1; CPSC 3.1</i> - Bridges – test between stationary platform and first moving board 	
			LABELS	
			Signs and/or stickers indicate the following:	
			<ul style="list-style-type: none"> - age appropriateness of the equipment <i>ASTM 14.2.1, CPSC 2.2.6</i> 	
			<ul style="list-style-type: none"> - supervision recommendation <i>ASTM 14.2.2, CPSC 2.2.7</i> 	
			<ul style="list-style-type: none"> - hazard of play equipment located over hard surfaces <i>ASTM 14.2.5</i> 	
			<ul style="list-style-type: none"> - equipment manufacturer identified <i>ASTM 15.1</i> 	
			<ul style="list-style-type: none"> - hot play surfaces warning <i>ASTM 14.2.4</i> 	
			<ul style="list-style-type: none"> - hazards of drawstrings, accessories and other things worn around the neck <i>ASTM 14.2.3</i> 	
			<ul style="list-style-type: none"> - removal of helmets (i.e. bike helmets) <i>ASTM 14.2.3</i> 	
			PARTIALLY BOUND OPENINGS AND ANGLES	
			Partially bound openings do not present an entrapment hazard <i>ASTM 6.1.4.1</i> <ul style="list-style-type: none"> - Use the partially bound opening template ("fish probe") - Partially bound openings less than 24" above the surface are exempt <i>ASTM 6.1.4.7 (3)</i> 	
			Angles formed by adjacent components are greater than 55 degrees <i>CPSC 3.3.2</i> <ul style="list-style-type: none"> - Unless lower leg is horizontal or projects downward 	

C	NC	N/A	CLIMBING AND UPPER BODY EQUIPMENT	Comments
			Maximum fall height for free standing and composite climbing structures for toddlers is 32" CPSC 5.3.2.1.2	
			Climbers do not have bars or other structural components in the interior of the structure onto which a child may fall from a height of more than 18" CPSC 5.3.2.1.5	
			Equipment allows children to descend as easily as they ascend. <i>Especially important for preschool equipment.</i> CPSC 5.2.1	
			Layout of equipment does not facilitate climbing to top support bars of upper body equipment nor interfere with movement on adjacent structures. CPSC 5.3.2.1.1	
			Spacing between components does not present head entrapment hazards CPSC 5.2.4	
			<p>Flexible climbing equipment:</p> <ul style="list-style-type: none"> - Is not the sole means of access to components intended for use by 2-5 year olds or toddlers ASTM 7.3.2.1, CPSC 5.3.2.3 - Anchoring device is beneath surfacing CPSC 5.3.2.3 - Perimeter of net opening should be less than 17" or greater than 28" CPSC 5.3.2.3 - Head probe cannot be pushed through opening with up to 50 lbs. of force ASTM 6.1.2 - Flexible components (i.e. rope, cable or chains) are secured at both ends and not capable of being looped back on itself. ASTM 7.3.2.2 - Flexible components suspended between play units are not located in high traffic areas. (Exception: 84" high, min 1" wide). - Free standing flexible climbers are not recommended for toddlers or preschool age CPSC 5.3.2.3 	
			<p>3D Climbing Nets:</p> <ul style="list-style-type: none"> - No clear opening between flexible members with a vertical dimension greater than 72" and a diameter greater than (ASTM 8.2.5.1): - 18" for nets intended for 2-5 year olds - 20" for nets intended for 5-12 year olds 	
			<p>3D Climbing Nets:</p> <ul style="list-style-type: none"> - Minimum fall height for structure greater than 72" high is 72" ASTM 8.2.5.1 - Exterior fall height – distance from surfacing to highest point at which a rigid vertical device contacts the net structure when moved around the perimeter. ASTM 8.2.5.1 (1) - Interior fall height – distance from surfacing to the highest member with a clear vertical path to the surfacing with a diameter of 18" for 2-5 years old and 20" for 5- 12 years old. ASTM 8.2.5.1(2) 	

C	NC	N/A	CLIMBING AND UPPER BODY EQUIPMENT	Comments
			<p>Arch climber (CPSC 5.3.2.2):</p> <ul style="list-style-type: none"> - Is not the sole means of access to components intended for use by 2-5 year olds - Free standing arch climbers are not allowed on preschool or toddler playgrounds - Rungs are .95" to 1.55" in diameter CPSC 5.2.2 	
			<p>Horizontal ladders and overhead rings (CPSC 5.3.2.4):</p> <ul style="list-style-type: none"> - When access is by rung, the first handhold must be between 8-10 inches from the access rung. ASTM 8.3.2 - When access is by platform, the first handhold must be between 0-10 inches from the leading edge of the platform. ASTM 8.3.2 - Rungs on ladders intended for 4-5 year olds are parallel and evenly spaced - Space between adjacent rungs – no more than 12" for preschool and 15" for school age (<i>does not apply to rings if rings swing</i>) - Maximum length of chains for overhead rings is 7 inches. ASTM 8.3.5, CPSC 5.3.2.5 - Moveable rings - Maximum 15" from pivot to bottom of handgrip ASTM 8.3.5 	
			<p>Horizontal ladders and overhead rings:</p> <ul style="list-style-type: none"> - Maximum height from center of grasping device to surfacing is 60" for preschool or 84" for school age ASTM 8.3.3, CPSC 5.3.2.5 - Maximum height for take-off/landing structure is 18" for preschool and 36" for school age ASTM 8.3.4, CPSC 5.3.2.5 	

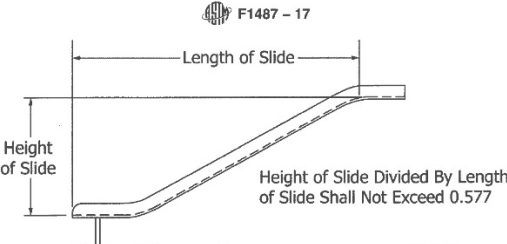
C	NC	N/A	EQUIPMENT	Comments
			Balance beams (<i>ASTM 8.1.1, CPSC 5.3.1</i>): <ul style="list-style-type: none"> - Maximum height 12" for preschool - Maximum height 16" for school age - Not recommended for toddlers 	
			Climbing ropes (<i>ASTM 6.6.1, CPSC 3.5</i>): <ul style="list-style-type: none"> - Secure at both ends and not able to make a loop with an inside perimeter greater than 5" (diameter of 1.6 inches) 	
			Log rolls (<i>CPSC 5.3.3</i>): <ul style="list-style-type: none"> - Not Recommended for use by children less than 5 years <i>ASTM 8.12.2</i> - 18" above fall surface material <i>ASTM 8.12.3</i> - Hand gripping components for use; .95" to 1.55" in diameter <i>ASTM 8.12.3</i> 	
			Track Rides (<i>CPSC 5.3.2.7</i>): <ul style="list-style-type: none"> - Not Recommended for use by children less than 5 years <i>ASTM 8.13.1</i> - Hand grip is 64" minimum and 78" maximum above the surface material <i>ASTM 8.13.2</i> - Landings (if used) have a minimum 36" length and 32" minimum width <i>ASTM 8.13.3</i> - Center to center distance between adjacent tracks are 48" minimum <i>ASTM 8.13.6</i> 	
			Seesaws: <ul style="list-style-type: none"> - Not Recommended for toddlers and preschool unless equipped with a spring centering device <i>ASTM 8.10.1, CPSC 5.3.5.2</i> - Fulcrum is free of pinch and crush points <i>ASTM 8.10.2, CPSC 5.3.5.1</i> - Shock absorbing material under seats to minimize impact with ground <i>ASTM 8.10.2</i> - Handholds do not protrude beyond sides of seat <i>ASTM 8.10.4.1, CPSC 5.3.5.3</i> - Handgrips are 3" minimum if intended to be gripped by one hand and 6" if intended to be gripped by 2 hands <i>ASTM 8.10.4.1</i> - Maximum 60" height of seat above protective surface <i>ASTM 8.10.6</i> 	
			Sliding poles (<i>CPSC 5.3.2.6</i>): <ul style="list-style-type: none"> - Not Recommended on equipment for toddlers and preschool age - Continuous with no welds or seams <i>ASTM 8.4.5</i> - Horizontal distance between platform edge and pole is between 18" and 20" <i>ASTM 8.4.1</i> - Pole extends at least 60" above the platform <i>ASTM 8.4.3</i> - Pole diameter is 1.9" maximum <i>ASTM 8.4.4</i> - Guardrail or barrier at pole access has an opening of 15" maximum <i>ASTM 8.4.6</i> 	

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C	NC	N/A	EQUIPMENT	Comments
			<p>Stepping Forms:</p> <ul style="list-style-type: none"> - Minimum designated play surface is 10" in diameter. <i>ASTM 8.15.1</i> - Maximum height to protective surfacing is 20" for preschool or 30" for school age unless hand support is present. <i>ASTM 8.15.3</i> - Hand supports are required if the first stepping form height is greater than 20" for preschool or 30" for school age. The hand support height should be 22"-38"; protective surfacing to top of hand support. <i>ASTM 8.15.4</i> - Stepping forms used by 2-5 year olds or more than 30" above protective surfacing must be stationary. <i>ASTM 8.15.5</i> - Maximum distance between stepping forms are 12" for preschool or 18" for school age. Measurements are done edge to edge. <i>ASTM 8.15.6</i> 	

C	NC	N/A	SLIDES	Comments
			Depth of transition platform is 14" or greater (ASTM 8.5.3.2.2, CPSC 5.3.6.2): <ul style="list-style-type: none"> - Width equal to or greater than width of sliding chute ASTM 8.5.2.3 - Depth for equipment intended for toddlers is 19" 	
			Guardrail or hood present to channel user into a sitting position (ASTM 8.5.3.2, CPSC 5.3.6.2)	
			Straight slides with flat open chutes have 4" minimum sides for entire length of sliding surface (ASTM 8.5.4.4, CPSC 5.3.6.3.4)	
			Slide chute surface shall not exceed a height/length ratio of 0.577 (Height of slide divided by length) with no slide surface span exceeding 50°. (ASTM 8.5.4) <div style="text-align: center;">  </div>	
			Slide chute is continuous without any gaps. <i>Roller slides are excluded from this requirement.</i> (CPSC 5.3.6.2)	
			21" of clearance surrounds the slide chute (ASTM 9.6.3)	
			Metal slides are shaded to prevent burns from direct sun (ASTM 2.5.3)	
			Exit region of slide is (CPSC 5.3.6.4): <ul style="list-style-type: none"> - 11" above protective surfacing for slides no more than 4 feet in height ASTM 8.5.5.3 - Between 7" and 15" above protective surfacing for slides over 4 feet in height ASTM 8.5.5.3 - Toddler slides – no more than 6" above protective surfacing 	
			Embankment slides (CPSC 5.3.6.3.1): <ul style="list-style-type: none"> - Maximum height of 12" above the ground - Chute entrance minimizes use by skateboards, bikes, etc. 	
			Roller slides (ASTM 8.9.2, 8.9.2.1, CPSC 5.3.6.3.2): <ul style="list-style-type: none"> - Space between adjacent rollers and between ends of rollers and stationary structure are less than 3/16" (smallest dowel) 	
			Spiral slides (CPSC 5.3.6.3.3): <ul style="list-style-type: none"> - One turn (360 degrees) or less for toddlers and preschool 	
			Tube slides (CPSC 5.3.6.3.5): <ul style="list-style-type: none"> - Minimum internal diameter no less than 23" - Barriers or such should be considered to prevent climbing on top of the outside of the tube. 	

C	NC	N/A	SWINGS	Comments
			Prohibited: <ul style="list-style-type: none"> - Swings attached to composite structures <i>ASTM 8.6.1.2, CPSC 5.3.8.3.1</i> - Animal figure swings <i>CPSC 2.3.1</i> - Rope swings <i>CPSC 2.3.1</i> - Swinging dual exercise rings and trapeze bars <i>CPSC 2.3.1</i> 	
			S-hooks are closed with no gap or space great than .04". <i>Gap cannot admit a dime. ASTM 6.4.5, CPSC 5.3.8.1</i>	
			Swing structure discourages climbing. A-frame supports do not have cross-bars <i>ASTM 8.6.2, CPSC 5.3.8.1</i>	
			2 swings per bay maximum <i>ASTM 8.6.4.4, CPSC 5.3.8.3.1</i>	
			Swing hangers at pivot spaced no less than 20" apart <i>ASTM 8.6.5.1 (4)</i>	
			**Swing spacing – toddler (bucket): <ul style="list-style-type: none"> - 20" between swing and support structure - 20" between swings - No less than 24" underside of occupied swing to surface <i>ASTM 8.6.5.1 (5)</i> - Located in a separate bay from other swings <i>CPSC 5.3.8.3.2</i> - Pivot points are between 47" and 96" above the protective surfacing <i>CPSC 5.3.8.3.2</i> 	
			**Swing spacing – preschool: <ul style="list-style-type: none"> - 30" between swing and support structure <i>ASTM 8.6.5.1 (3)</i> - 24" between swings <i>ASTM 8.6.5.1 (2)</i> - No less than 12" underside of occupied swing to surface <i>ASTM 8.6.5.1 (5)</i> - ADA accessibility – entry point of seat between 11" and 24" above surfacing material 	
			**Swing spacing – school age: <ul style="list-style-type: none"> - 30" between swing and support structure <i>ASTM 8.6.5.1 (3)</i> - 24" between swings <i>ASTM 8.6.5.1 (2)</i> - No less than 12" underside of occupied swing to surface <i>ASTM 8.6.5.1 (5)</i> - ADA accessibility – entry point of seat between 11" and 24" above surfacing material 	
			Multi-Axis Tire Swing (<i>CPSC 5.3.8.4</i>): <ul style="list-style-type: none"> - Minimum clearance between seating surface and upright of support structure is 30" when tire is in a position closest to the support structure. <i>ASTM 8.6.5.3 (2)</i> - No less than 12" underside of occupied swing to surface <i>ASTM 8.6.5.3 (1)</i> 	

** Measurements taken at 60" above protective surfacing

School: _____

Play site: _____

Date: ___/___/___

C	NC	N/A	ROTATING & ROCKING EQUIPMENT	Comments
			<p>Merry-Go-Rounds and Whirls:</p> <ul style="list-style-type: none"> - Components do not extend beyond the perimeter of the platform <i>ASTM 8.8.2, CPSC 5.3.4</i> - Underside of platform is no less than 9" above the surface <i>ASTM 8.8.4.2, CPSC 5.3.4</i> - No openings between the axis and periphery that permit a 5/16 rod to penetrate <i>ASTM 8.8.4.1, CPSC 5.3.4</i> - No accessible shearing or crushing mechanism in the undercarriage <i>CPSC 5.3.4</i> - Maximum height for standing/sitting surface is 14" above surface for preschool and 18" for school age <i>ASTM 8.8.2, CPSC 5.3.4</i> - Hand grips have a diameter of 0.95" to 1.55" <i>CPSC 5.2.2</i> - Not recommended for playgrounds intended for toddlers <i>CPSC 5.3.4</i> 	
			<p>Spring Rockers:</p> <ul style="list-style-type: none"> - Springs minimize possibility of pinching hands or feet <i>ASTM 8.11.4, CPSC 5.3.7</i> - Each seating position has handgrips and footrests <i>ASTM 8.11.2, CPSC 5.3.7</i> - Handgrips are 3" minimum if intended to be gripped by one hand and 6" if intended to be gripped by 2 hands <i>ASTM 8.11.2</i> - Seat height is between 12" and 16" for toddlers <i>CPSC 5.3.7</i> - Seat height is between 14" and 28" for preschool <i>ASTM 8.11.5, CPSC 5.3.7</i> - Hand grips have a diameter of 0.60" to 1.20" for toddlers <i>CPSC 5.2.2</i> - Hand grips have a diameter of 0.95" to 1.55" for preschool and school age <i>CPSC 5.2.2</i> - Hand grips are not protrusion hazards. <i>ASTM 8.11</i> 	