



Maryland Materials Playgrounds

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Playground Safety Inspection Report

Site Name: SITE NAME
Location (City, State): LOCATION
Areas: AREA
Date of Inspection: DATE

I. Playground Description

The playground has an elliptical shape, and it is surrounded by a concrete walkway, which is the only border around the playground. There is no fence around the playground, and there is no overhead shade cover. The playground is located approximately 100 feet from the nearest road.



A. Playground Equipment

The playground contains the following items of equipment:

One (1) Modular Play Structure. Manufacturer: *Name*. The vertical posts are made from wood, and the components are made from steel, roto-molded plastic, and polyethylene. The structure's footprint measures approx. 21' x 16'. The vertical posts measure 5" x 5". This structure has 3 platforms located 46", 54", and 63" above ground level. It has the following play events: 1 open spiral slide, 1 straight, double-wall wide slide, 1 inclined half circle climber, 1 bubble panel, 1 vertical tic-tac-toe panel, 1 horizontal tic-tac-toe panel, 1 rung wall with steering wheel, and 1 store panel.



One (1) Swingset Structure. Manufacturer: *Name*. The swingset is a single-post, to-fro model. The structure is made from wood, and its footprint measures 20' x 18". Its vertical posts measure 5" x 5" outside diameter. The swingset has two bays. One bay contains two belt seats with grommets; the other bay contains two fully enclosed infant seats with extra back support. The swing hangers are bolt-on models with built-in pendulums. The swing hangers connect to the top of the swing chains with S-hook connectors. The swing chains are made from galvanized steel. The swing chains for the belt seats measure approximately 68" long, and the chains for the infant seats are approximately 40" long. The bottom of the swing chains connect to the swing seats with S-hook connectors.





B. Playground Surfacing



The playground uses wood chips as resilient surfacing.



II. Playground Evaluation		
General Inspection Items	Code <i>1 = Acceptable</i> <i>2 = Needs maintenance</i>	Comments
A. Playground Equipment: Modular Play Structure		
1. Structural integrity	2	<p><u>Store Panel</u></p> <p>Playground equipment shall be manufactured and constructed only of materials that have a demonstrated durability in the playground or similar outdoor setting. ASTM 1487-05-4.1. Here, below ground level, one of the wooden vertical posts is rotted to a horizontal depth of 1".</p> <p>Recommendation: Contact the manufacturer to seek advice about wood deterioration on this post, and consider replacing it.</p>



2. Structure surfaces	1	Wood intended for playground equipment that is not naturally rot- and insect-resistant shall be treated to resist rot and insect attack from standard procedures. ASTM 1487-05-4.1.3. Here, under the second wooden triangular step, there was a small insect nest that did not seem active. Inspector removed it. Recommendation: Routinely check the equipment for insects.	
3. Stairways	1	Acceptable.	
4. Platforms	1	Acceptable.	
5. Slides	2	Straight Slide For slides with an elevation of no greater than 48", the height of the exit end of the sliding surface shall be no greater than 11" above the protective surfacing. ASTM 1487-05-8.5.5.3. Here, the slide's elevation is 46", but the height of the exit is 18". Recommendation: Replenish the wood chips at the slide exit, and consider installing a protective rubber mat.	
6. Roofs	1	Acceptable.	
7. Other events	1	Acceptable.	
8. Americans w/Disabilities Act Access	1	The structure is not considered ADA accessible because it does not have an ADA transfer station, only a stairway.	
9. Use zones	1	Acceptable.	
10. Surfacing	1	Acceptable.	
B. Playground Equipment: Swingset Structure			
1. Structural integrity	1	Acceptable.	
2. Structure surfaces	1	Acceptable.	
3. Swing hangers	1	Acceptable.	
4. Swing chains	1	Acceptable.	

5. Swing connectors	2	<u>Belt Swing Seats</u> Playground equipment shall be manufactured and constructed only of materials that have a demonstrated durability in the playground or similar outdoor setting. ASTM 1487-05-4.1. Here, the S-hooks that connect the bottom of the swing chains to the 2 belt swing seats are scalloped and bent. Recommendation: Replace all 4 S-hooks connecting the swing chains to the belt seats.	
6. Swing seats	1	Acceptable.	
7. Use zones	1	Acceptable.	
8. Surfacing	2	Generally, commercial playgrounds should not use less than 9" of loose-fill material. CPSC Guidelines Section 2.4.2.2(7). Here, the surfacing under and around the swing set structure has a depth of 4". Recommendation: Replenish the woodchips to a depth of 9", and consider installing protective rubber mats under the belt swing seats.	
C. Americans w/Disabilities Act Access	1	Acceptable.	
D. Play Area Borders	1	Acceptable.	
E. Signage	1	Acceptable.	

III. Note

The purpose of a Playground Safety Inspection Report is to describe uses that are not in compliance with the American Society for Testing Materials (ASTM) standards and the U.S. Consumer Product Safety Commission's (CPSC) Public Playground Safety Handbook. The information contained in this report is confidential and is not shared with any other organizations or governmental entity. However, Maryland Materials disclaims all liability for the client's delay or failure to resolve conditions stated in this report or abide by the steps recommended in the report.

Inspector Name: Andre Henderson

CPSI Id. No.: 162261-0814

Inspector Signature: _____

Date: _____

END OF PLAYGROUND SAFETY INSPECTION REPORT