

Certified Playground Safety Inspection for Sun Chase HOA



Playground	Sun Chase Park		Age Group 5-12		Date	7/5/2023
Inspected by: Craig Faitel - CPSI		Address: 2403 Sun Chase Blvd., Cedar Park, TX 78613				
		Code	Compliant	Priority 1-4	Distance	Area of concern
A: ADA & ABA REQUIREMENTS - Loose Safety Surface						FAIL
1. Path to playground is 48" min. and compacted surface			Yes			
2. Ramp from path into playground safety surface			Yes			
3. Loose surfacing within .5" and compacted			No	4		
4. Minimum clear width of curb ramp is 36"			Yes			
5. Transfer platform measures between 11"-18"			No	3	Missing	
6. Ground level activities to match elevated equipment			Yes			
B: SITE/LOCATION SAFETY						
1. Age separation between 2-5 & 5-12			No	3		
2. Storm drains and utility boxes are secured			Yes			
3. Located away from incompatible land uses			Yes			
4. Play area is visible for supervision			No	3		Very poor
5. Shade			Yes			
6. Functionally linked 5-12 age space equals 18" or less			Yes			
C: PROTECTIVE SURFACING						
1. Loose-fill surfacing is at proper depth / measurement			No	2	3" -9"	13' fall height
2. Loose safety surface is correct size (length, width)			No	3		Large, sharp
3. Loose fill has no asphalt or concrete sub-base			Yes			
4. Triax 2015 test completed			N/A			
5. Marking equipment supports with a minimum fill level			No	4		
6. Use zones are clear of obstacles and debris			No	3		
7. Surface drainage is functional with no standing water			Yes			
8. No tipping hazards such as roots, rocks or other			Yes			
9. Border is in good shape, free of hazards			Yes			
10. Border is adequate to maintain safety surfacing			Yes			
11. Free of sticks, grass, trash, animal feces			Yes			
12. Surface is free of mold, mushrooms, fungi, etc.			Yes			
D: GENERAL SAFETY						
1. Sign for playground information and warnings			No	3		Required
2. Warning labels and age signage present and legible			No	3		
3. Equipment free of crush and shear hazards			No	3		
4. Equipment free of entanglement hazards, protrusions			No	1		
5. Bolts ends less than two threads, rounded, smooth			No	2		Double nut
6. S-hooks should be closed or a gap no greater than .04			Yes			
7. Equipment free of sharp points, edges			No	3		Multiple
8. No head entrapment			No	1	Stairs	Multiple
9. No partially bound head entrapment			No	2		
10. Use zone for swings, slides and equipment			No	2		Multiple
11. Tree limbs are >84" above the highest equipment			No	3		
12. No insect, bird or animal infestation			Yes			

Contact the equipment manufacture before performing any corrections or repairs.

Code	Explanation
C (Corrected)	An "C" indicates that the condition was corrected during the inspection. Examples would be tightening hardware or removing debris.
R (Repair)	An "R" indicates that repairs cannot be readily completed while the inspector is on site and follow up repairs will be necessary by a skilled staff member or outside vendor. If the condition could present a hazard to users, the equipment should be taken out of service until the situation can be corrected. When the repairs have been made, indicate so by marking an "X" for completed maintenance.
P (Parts)	A "P" indicates that replacement parts are required and need to be ordered and installed. If the condition could present a hazard to users, the equipment should be taken out of service until the situation can be corrected. When the repairs have been made, indicate so by marking an "X" for completed maintenance.
X (Completed)	An "X" indicates that all necessary work and actions have been taken to repair, replace or remove an unacceptable condition. Make certain that the date of correction is written beside the "X."

Priority Rating Scale (1-4)

1. *Permanent disability, loss of life or body part; correct immediately.*
2. *Serious injury resulting in temporary disability; corrected as soon as possible.*
3. *Minor (Non-Disabling) Injury – correct when time permits.*
4. *Potential for injury Minimal – check to see if worsens*

SITE DESCRIPTION:

The playground is located in a park.

In the playground there is one structure and functionally linked post and stumps.

Safety surface is engineered wood fiber.

The equipment is manufactured by Tiny Town Studios.

RECOMMEND THE STRUCTURE BE REMOVED.



There is NO sign and NO warning labels are on the equipment to inform users and warn of hazards.

Signs and warning labels are the responsibility of the owner/operator. The signs/labels must communicate age appropriateness, supervision recommendation, the removal of helmets, drawstrings or accessories around the neck, hot playground equipment or surfacing when applicable and warning about the hazard of placing equipment located over hard surfaces - ASTM F 1487-11. CPSC 2.2.6

CPSC 2.1 Accessibility.

Should be less than .5" change; a gap, up or down for ADA access



Each step is considered a head entrapment. Space greater than 3.5" & less than 9".

CPSC 3.3.1.



Ramp front and back should be less than .5 inches for ADA access.

CPSC 2.1 accessibility.



No transfer platform in playground for ADA access.

Structures should have a platform that measures 14" x 24".



Slides must have a 21 inch area on both sides.

ASTM 8.5.6.1



ASTM 6.4.1 Anything greater than .12" is considered an entanglement hazard.
Multiple entanglement hazards within the 21 inch clear area or top encroachment section.
CPSC 5.3.6.7 nothing over 1/8 inch is allowed in the slide area. (Around 12)



Slide, shoot, exit is not mounted, movable, and non-compliant
Manufactures have specific instructions for concrete footings for equipment.
Non-compliant structural integrity CPSC 5.1.3. Residential use ONLY. (slide)



The slide exit chute has NO footing at all.

CPSC 5.3.10

The structure must be 84 inches away from tree limbs, or other obstacles.



Install a bench seat outside the border of the playground.

Two benches have a play surface over 2" x 2" & should have a use zone if in the playground.



Several areas have sharp edges and non-compliant CPSC 3.4.
Loose screws, 45° cut boards, edge, wood trim, 90° cut edge, not rounded.



Gap less than 55 degrees.
Partially bound head entrapment. CPSC 3.3.2



The length and width of the engineer wood fiber is non-compliant with ASTM.

13 foot fall height, not recommended in playgrounds.

ASTMF 1292 engineered wood fiber, safety surfacing must measure a minimum 9".

Wood chips measure between 3 inches and 9" inches, non-compliant



No site lines for Viability, so you can see kids directly. CPSC 2.2.5

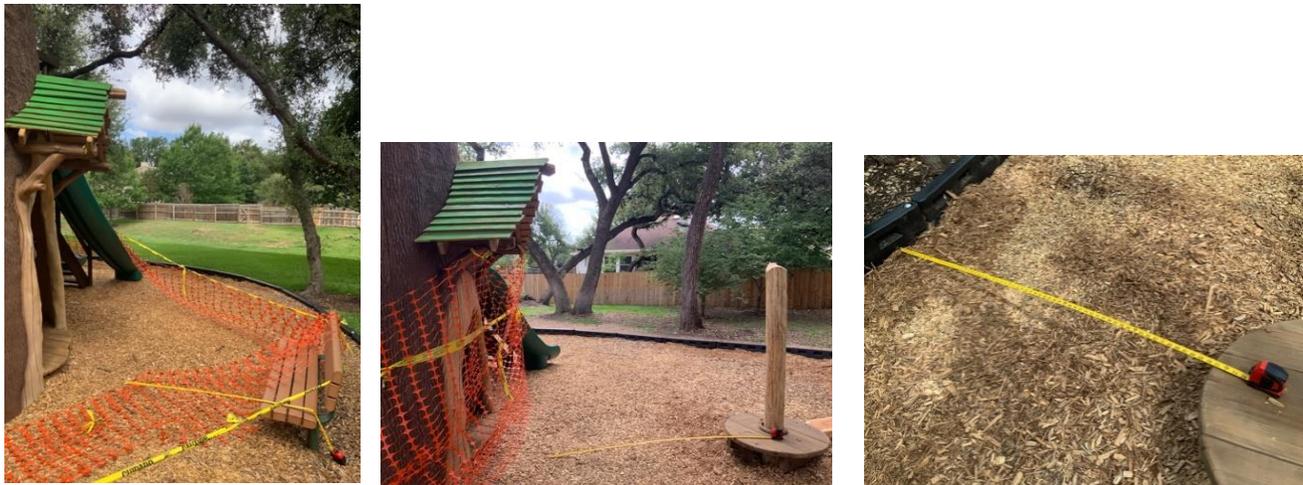
Should be visible from a park bench.



Both sides of the structure, side chute exit, climber are less than 6'.

Roof board missing on one side (photo on left).

The use zone is non-compliant in several areas. CPSC 5.3.10



When installing playground equipment in a public area, IPEMA certified commercial equipment is highly recommended. **CLOSE PLAYGROUND.**

The equipment installed in the park is for residential or private use only.

At the time of the inspection there may have been other violations of ASTM or CPSC standards.

This report reflects the professional judgement of the inspector at the time of report. **FAIL**