

# Playground Safety Inspection - Summary

Performed for the City of Ypsilanti  
Jan-03

<b>Park Name</b>	Carrie Mattingly
<b>Inspection Date</b>	1/22/03
<b>Play Equipment</b>	Spring Rocker (White)
	Spring Rocker (Duck)
	Spring Rocker (Duck)
	Spring Rocker (Turtle)
	Merry-Go-Round
	Composite Structure

The following pieces of play equipment were inspected according to CPSC 325 and ASTM 1487-01 guidelines. The following lists those findings that were not in compliance with the recommendations put forth in the aforementioned documents. Each hazard was then ranked between 1 and 5 using the following scale.

## Priority

- 1 Danger of permanent disability or loss of life or body part in a high risk area
- 2 Danger of permanent disability or loss of life or body part in a low risk area
- 3 Serious injury or illness resulting in temporary disability
- 4 Minor non-disabling injury
- 5 Non compliant

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## General

- 5 Lack of signage indicating age appropriateness, rules, and supervisory requirements. - CPSC 6.1
- 3 Peeling and chipping paint (unable to determine age of equipment - Any equipment manufactured prior to 1978 is likely to contain lead based paint.) - CPSC 8.1

## Accessibility

- 5 No accessible route to play equipment. ASTM 10.1.3
- 5 Play equipment contains no accessible events.

## Safety Surfacing

- 1 The depth of the surfacing does not appear to be adequate.
- 1 The surfacing does not extend far enough from the base of the equipment to cover the use zones of the existing equipment.

## Spring Rockers

- 1 Too close together - spring rocking toys need 7' clear and may not overlap each others use zone.
- 1 All 4 pieces contain impalement hazards on all handgrips and foot rests.
- 1 The white piece of Rocking equipment's seat is an impalement hazard.
- 2 The 2 westernmost pieces of equipment (the duck and the turtle) contain pinch / crush dangers between the footrest and the ground.

## Merry-go-round

- 1 All handgrips and footrests are impalement hazards.
- 2 Inadequate surfacing - not covering full use zone.
- 1 Bottom of deck is 7.5" from grade - min. 9" is required. (Entrapment hazard)

## Composite Structure

- 3 Top of posts are large enough to be considered play surfaces  
depth of surfacing does not account for this extra height.
- 1 Use zone is not large enough at slide exit, in front of and behind swings, and at climber.
- 3 Swings are not to be attached to structure.
- 1 Swings of different types are not permitted in the same bay.
- 3 Belt swing should be between 12" and 16" above ground.
- 1 S hooks on swings are not closed adequately - Chains are showing wear.
- 1 Arch climber should attach at same level as deck.
- 5 Arch climber is not to be the only method of access for play structure intended for 2-5 year olds.
- 1 Arch climber contains head entrapment hazards between each rung.
- 1 Handrails at the climber and slide are head entrapment hazards.
- 1 Entanglement hazards exist at the gap between the deck and slide.
- 1 Entaglement hazards exist within the 21" safety zone at bottom of slide.
- 3 Metal slide is not acceptable (Burn Hazard).
- 4 Slide does not have an acceptable exit region.
- 1 Guardrail rungs are head entrapment hazards.
- 1 Entanglement hazard where bolt caps have come away from post.