



Site: Swansea Village Public School

Report: Sample Annual Comprehensive Inspection Report

Inspection Date: December 20, 2006

Inspector: Scott Belair

Compliance: 70 / 74 or 94.5 % compliant

Recommendations:

- Eliminate exposed bolt ends (from pg 7 & 9)
- Eliminate looping hazards (from pg 10)
- Supervise accessible swing seat (from pg 13)

GENERAL SITE INFORMATION

1. **Agency Requesting Inspection:**
City of Pickering 123 Somewhere Street Ditchwater, New Brunswick
2. **Contact Information:**
John Doe 902-456-7890
3. **Time:**
10:05am
4. **Weather:**
overcast
5. **Temperature:**
7.2 degrees Celsius
6. **Position and/or Qualifications of Inspector:**
CCPI, NPSI
7. **Standard Used for Evaluation:**
Z614-2007

GENERAL EQUIPMENT INFORMATION

8. Area #:

3 of 3 play areas present

Additional comments:

Area #1 with senior playstructure and Area #2 with junior playstructure not inspected on this date

9. Site Location:

rear of community centre

10. Equipment Present:

1 rope net climber 2 spring toys 1 independent climber (with movement) 1 swing set (1 bay) 1 seesaw



OWNER/OPERATOR RECORD KEEPING INFORMATION

11. **Letter of compliance in file (CI 6)**
No – **hazard type C**
Additional comments:
equipment installed prior to 1998, 2003 and 2007 versions of CSA Z614
(non-compliant 0 / 1)
12. **Installation date and date of upgrades/retrofits in file (CI 1.4)**
Yes (compliant 1 / 1)
13. **Structural integrity testing data in file (CI 9)**
Yes (compliant 1 / 1)
14. **Documentation for selection, installation, acceptance and payment information in file**
Yes
15. **Scaled site plan, photos, or plan layout in file or included with this report**
No
16. **Equipment sales representative information in file**
No
17. **Previous inspection reports in file**
Yes
18. **Roto-tilling schedules in file (if applicable)**
Yes

SITE FURNISHINGS

- 19. Access to play area, pathways, lighting, benches, tables, fencing, building fixtures, garbage cans, shade shelters, etc. (CI 1.5)**

Satisfactory

SURFACING INFORMATION

20. **Protective surfacing type**
Engineered Wood Fibres
21. **Surfacing dimensions**
15.3m x 14.75m
22. **Surfacing temperature**
5.4 degrees Celsius
23. **Retaining wall or excavated pit (if applicable) (CI 10.4.2)**
Satisfactory (compliant 1 / 1)
24. **Manufacturer/supplier of protective surfacing (add name and contact info)**
unknown
25. **Compaction and/or contamination of protective surfacing (CI 10.4.4 & 10.4.5)**
No (compliant 1 / 1)
26. **Maximum CSA fall height of surface system (CI 15.16)**
3.75m (at top of rope net climber)
27. **Maximum height of equipment inside surface system**
3.75m (at top of rope net climber)
28. **Check depth of protective surfacing to ensure adequate compared to fall height and maximum height (check depth in minimum 3 locations) (CI 10.1 & 10.2 or reference surfacing depth chart)**
Yes (compliant 1 / 1)
29. **Check for owner/operators name and contact information in a "readily identifiable" and "clearly visible" location (CI 16.1)**
Compliant
Additional comments:
City of Anywhere(902-123-4567)
(compliant 1 / 1)
30. **Check for manufacturers name and contact information present on play equipment (CI 16.1)**
Compliant
Additional comments:
DEF Playground Manufacturer (604-987-6543)
(compliant 1 / 1)
31. **Age group (1.5 to 5, 5 to 12, 1.5 to 12) (CI 16.2)**
5 to 12 years

MATERIALS AND INSTALLATION

32. **Check to ensure all components are tight and secure (CI 7, 9, 11)**
Satisfactory (compliant 1 / 1)
33. **Check to ensure no trip hazards exist**
Satisfactory (compliant 1 / 1)
34. **Check moving elements to ensure bearings or bearing surfaces serve to reduce friction and wear**
Satisfactory (compliant 1 / 1)
35. **Check to ensure steel cables are inaccessible or capped**
Satisfactory (compliant 1 / 1)
36. **Check for drainage/ponding on equipment and/or protective surfacing**
Satisfactory (compliant 1 / 1)
37. **Check to ensure components are not capable of being removed without the use of tools**
Satisfactory (compliant 1 / 1)
38. **Check for rusting, rotting or significant decay**
Unsatisfactory – **A hazard type**
Additional comments:
Seesaw damaged and removed, leaving exposed bolt ends
(non-compliant 1 / 1)



PROTECTIVE SURFACING ZONES

39. **Check for 1.8-meters (71 in) around all stationary equipment (CI 14.2.1.2)**
Satisfactory (compliant 1 / 1)
40. **Check protective surfacing zones around all moving equipment. Hint: 1.8-meters (71 in) that cannot overlap at horizontal axis equipment. 1.8-meters (71 in) + no-encroachment zones at vertical axis equipment (CI 14.3)**
N/A (compliant 1 / 1)
41. **Check slide protective surfacing zones. Hint: platform height equals PSZ required with a minimum 1.8-meters (71 in) and maximum 2.4-meters (82 in) plus a no-encroachment zone at platform heights above 1.2-meters (47.24 in) (CI 14.4)**
Satisfactory (compliant 1 / 1)
42. **Check all swing protective surfacing zones. Hint: 2 x Y in each direction plus no-encroachment zone. 1.8-meters (71 in) from end of top beam (CI 14.3.2)**
Satisfactory (compliant 1 / 1)

PERFORMANCE REQUIREMENTS

43. **Check for fully bounded opening head and neck entrapment (rigid and non-rigid) (CI 12.1.2 & 12.1.3)**
Satisfactory (compliant 1 / 1)
44. **Check for partially bounded opening head and neck entrapments (i.e. with fish probe) (CI 12.1.4)**
Satisfactory (compliant 1 / 1)
45. **Check for sharp edges/sharp points (CI 12.2)**
Satisfactory (compliant 1 / 1)
46. **Check for uncapped tubing (CI 12.2.1)**
Satisfactory (compliant 1 / 1)
47. **Check for accessible bolt ends beyond two threads (CI 12.2.1)**
Unsatisfactory – **A hazard type**
Additional comments:
x 2 locations at seesaw (as per previous)
(non-compliant 0 / 1)



48. **Check for minimum radius of curvature of 6mm (0.24 in) at all suspended members (CI 12.2.2)**
Satisfactory (compliant 1 / 1)
49. **Check for impalement and entanglement protrusions using 4 protrusion gauges (CI 12.2.3)**
Satisfactory (compliant 1 / 1)
50. **Check for protrusions increasing in size (CI 12.3.4)**
Satisfactory (compliant 1 / 1)

51. **Check for gaps greater than 1-mm (0.04 in) in fastening devices (CI 12.3.5)**
Satisfactory (compliant 1 / 1)
52. **Check any S-hooks for non-compliant configuration (CI 12.3.5.2)**
Satisfactory (compliant 1 / 1)
53. **Check for drawstring entanglement at slides and sliding poles (CI 12.3.6.2, 12.3.6.3, 12.3.7)**
Satisfactory (compliant 1 / 1)
54. **Check for crush and shear points. Hint: must have movement to be non-compliant (CI 12.4)**
Satisfactory (compliant 1 / 1)
55. **Check for suspended hazards (CI 12.5)**
Satisfactory (compliant 1 / 1)
56. **Check for looping hazards (CI 12.5.2)**
Unsatisfactory – **A hazard type**
Additional comments:
Looping hazards x 4 of 4 locations at pods hanging from rope net climber
(non-compliant 0 / 1)



ACCESS/EGRESS

57. **Check all steps and rungs for even spacing within horizontal tolerance of +/- 6mm and horizontal tolerance of +/- 2 degrees (CI 13.1.1)**
Satisfactory (compliant 1 / 1)
58. **Check all steps and rungs to ensure they do not trap water or accumulate debris (CI 13.1.2)**
Satisfactory (compliant 1 / 1)
59. **Check all stairways, stepladders and rungs ladders for slope, tread width and tread depth as per table #2 (CI 13.1.3)**
Satisfactory (compliant 1 / 1)
60. **Ensure stairways have 2 handrails or protective barriers up to a 1.2-meter (47.24 in) elevation and protective barriers only above 1.2-meters (47.24 in) (CI 13.1.4.1, 13.4.4.6)**
N/A (compliant 1 / 1)
61. **Check to ensure stepladders have minimum one handrail at a height less than 725mm (28.5 in) for users < 5 and less than 950mm (37.5 in) for users > 5 (CI 13.1.4.1)**
N/A (compliant 1 / 1)
62. **Check to ensure alternate hand support is available on steps with only one tread (CI 13.1.4.2)**
N/A (compliant 1 / 1)
63. **Check all handrails and rungs for diameter or maximum cross-section between 24-40mm (0.95 to 1.55 in) and that climbers have a means of hand support while climbing (CI 13.1.4.4, 13.2.2.5, 13.2.2.6)**
Satisfactory (compliant 1 / 1)
64. **Check to ensure arch climbers and flexible components are not used as the sole means of access, that flexible components are securely attached at both ends and that anchoring devices are below the full depth of the protective surfacing (CI 13.2.2.1, 12.2.2.2, 13.2.2.3)**
Satisfactory (compliant 1 / 1)
65. **Check to ensure all rung ladders, flexible components and arch climbers do not have a stepping surface above the platform surface (CI 13.3.3)**
Satisfactory (compliant 1 / 1)

GUARDRAILS AND PROTECTIVE BARRIERS

66. **Check to ensure that guardrails and protective barriers do not contain a designated play surface (DPS - flat surface greater than 50mm x 50mm with a slope less than 30-degrees) (CI 13.4.3.1, 13.4.4.1)**
Satisfactory (compliant 1 / 1)
67. **Check all platforms, landings, walkways, ramps, stairways and similar transitional designated surfaces do not trap water, do not encourage the accumulation of debris and are horizontal +/- 2 degrees (CI 13.4.2)**
Satisfactory (compliant 1 / 1)
68. **Check to ensure guardrails or protective barriers (to an appropriate height) are compliant on platforms above 500mm/750mm for users < 5, and on platform above 750mm/1.2m for users > 5 and openings are less than 375-mm (CI 13.4.3.2, 13.4.3.3, 13.4.3.4, 13.4.4.2, 13.4.4.3, 13.4.4.4)**
Satisfactory (compliant 1 / 1)
69. **Check to ensure access components and protective infill are present where required (CI 13.4.5)**
Satisfactory (compliant 1 / 1)

EQUIPMENT SPECIFICATIONS

70. **Check to ensure the requirements of Clause 15 are met for all components of equipment (use CSA Z614 for reference)**

Unsatisfactory – **C hazard type**

Additional comments:

swing seat has movable and adjustable elements which are required for accessible users (i.e. special needs users).

(non-compliant 0 / 1)



SUMMARY

71. Issues requiring immediate attention

Removing hanging pods to eliminate looping hazards. Eliminate exposed bolt ends x 2 locations. Possible solution may be to replace seesaw and bolt ends would become inaccessible.

Additional comments:

Complete within the next 2 weeks.

72. Issues requiring attention in next budget period

none

73. Other comments and/or observations

Accessible swing set left in current condition.

74. Person contacted concerning above noted issue(s)

Jane Doe (613-456-1234)