

Playground Safety Analysts

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October 16, 2012

Bindu Vaish, Project Manager
City of Rancho Palos Verdes
30940 Hawthorne Blvd.
Rancho Palos Verdes, CA 90275

Executive Summary—Eastview Park 2-12 Year Old Playground, Rancho Palos Verdes, California

I have audited the Eastview Park 2-12 year old Playground area on October 15, 2012 and find that all areas comply with the Current California Playground Safety Regulations with the exceptions of those items listed herein. These items have been prioritized as defined by the National Parks & Recreation Association and discussed under the preface to this report. The playgrounds also comply with title II of the DOJ-ADA 2010 Standards for Accessible Design for Play Areas in regards to the number and types of ground level play components. No Impact Attenuation Compliance Test was performed.

1. **SLIDES:** The slide has no spaces or gaps at the top, section seams or between the sliding surface and the sides. (CPSC 12.4.3, 12.4.4, ASTM 6.4.1.2). **Non-Compliant. There is a 1/8" Gap at the top of the 2-5 year old Free Slide between the slide bed and entrance platform. Install "Sekaflex" to close the gap.**

Priority 1 (See Exhibit # 3934)

2. **UPPER BODY EQUIPMENT:** Equipment has not shifted or become bent. (CPSC 7.2). **Non-Compliant. There are 1/8" Gaps at both connector clamps on the Chin Bar forming potential entanglements. Adjust and Secure clamps to close gaps ASAP.**

Priority 1 (See Exhibits # 3922, 23)

3. **SWINGS:** Entanglement - There shall be no entanglement hazards which allow any of 3-projection gages to pass over the projection & touch the initial surface. (ASTM 6.4.,1; CPSC 3.2). **Non-Compliant. There are entanglement hazards at each of the swing hanger clevis hooks. Install manufacturers polymer washers on the clevis hooks to close the gaps.**

Priority 1 (See Exhibit # 3931)

4. **PROTECTIVE SURFACING:** All elevated play equipment (slides, swings, bridges, seesaws, climbing apparatus, etc.) has proper depth of impact-absorbing material underneath the structure. (CPSC 4.2 TABLE 1, ASTM 11.2.2). **Non-Compliant. The existing EWF is at 7" depth, requires 12". Add Additional EWF and groom to the same level of the Unitary Surfacing.**

Priority 1 (See Exhibit # 3924)

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5. **SWINGS:** Conflicting Activities and Circulation - 2-5 yr old Swings should be located in the swing bay nearest other 2-5 yr old play equipment so as to prevent collisions with older swing users .(CPSC 2.2.3). **Non-Compliant. There are entanglement hazards at each swing hanger clevis hooks. Switch the 5-12 yr old and 2-5 yr old swing bays ASAP.**

Priority 2 (See Exhibit # 3930)

6. **DECKS/PLATFORMS:** Nuts and bolts are tight and not able to be loosened without tools. Upon close inspection, they show no loose play or excessive wear. Lock washers, self-locking nuts, or other locking means are provided for all nuts and bolts. (CPSC 8.2, ASTM 4.2.2). **Non-Compliant. There are loose fasteners at the end of the Flex Bridge and on the Center Arch Ball Connector on the north end. Adjust and tighten the loose fasteners.**

Priority 2 (See Exhibits # 3919 - 3921)

7. **GENERAL CONDITIONS:** Shaded area is provided. **Non-Compliant. There is no shade structure provided. Owner should consider installing shade structures over the play equipment.**

Priority 2 (See Exhibit # 3918)

Issue #s 1-6 are the responsibility of the Installer. Item # 6 is a concern to be addressed by the property owner. *It would be safe to open the playground once the priority items are addressed.* Some of these modifications are professional judgment calls. Please call me to schedule a compliance review or if you have any questions.

Thank you for allowing me to serve you.

Sincerely,

Gary C. Groshon

Gary C. Groshon
CPSI # 19857-0515