

August 15, 2025

Stacy Knudson
301 South 3rd Street
Alsea, OR 97324



Subject: HIC Testing Report for **Alsea School District**

Dear Stacy,

Head Injury Criteria (HIC) is a measure of the likelihood of a head injury arising from an impact. This score can be found using a surface testing instrument called TRIAX TOUCH E-Missile. The TRIAX TOUCH E-Missile is designed to assess the head injury risk level should a child fall onto a surface.

Impact testing was conducted of fall surfaces at your district on August 7, 2025. Attached are recommendations based on the acquired test results. These suggestions have been prioritized using the following guidelines:

Major



These areas are not within acceptable HIC (1000+) values and improvements must be made immediately.

Moderate



These areas are still within acceptable HIC (750-999) values, but they could be improved to lower risk of potential injury.

Minor




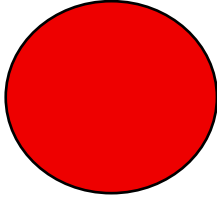

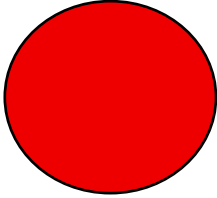

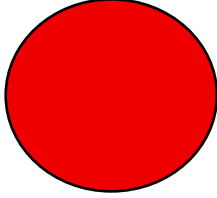

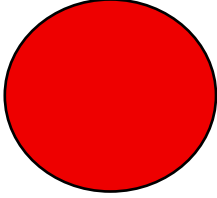

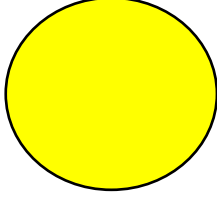

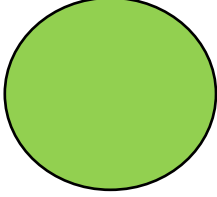
These areas are within acceptable HIC (0-749) values for the fall surfacing materials.

If you have any questions, please do not hesitate to call us at 800-852-6140.

Sincerely,


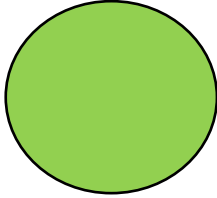

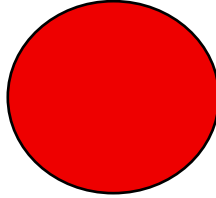

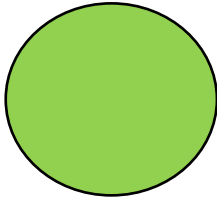

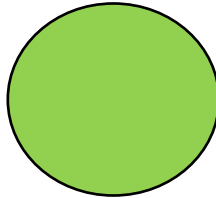

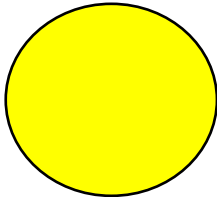

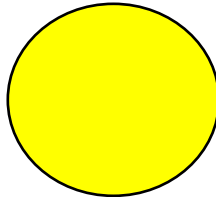
Nathan Cortez, CISR, CSRM, CPD
Risk Management Consultant

Legend: **RED** – Needs Improvement (1000+) | **YELLOW** – Could Be Improved (750-999) | **GREEN** – Good (Less than 749)

<p>Location Description: SWING USE ZONE</p> <div data-bbox="43 216 427 598"></div> <div data-bbox="451 216 613 254">PG: N/A</div> <div data-bbox="630 216 792 254">HIC: N/A</div> <div data-bbox="506 325 721 520"></div> <p>Recommendations: The use zone for a belt swing should extend to the front and rear of a single-axis swing a minimum distance of twice the vertical distance from the pivot point and the top of the protective surface beneath it. Consider extending use zone.</p>	<p>Location Description: LOOP LADDER</p> <div data-bbox="816 216 1198 598"></div> <div data-bbox="1230 216 1393 254">PG: 172</div> <div data-bbox="1409 216 1572 254">HIC: 1032</div> <div data-bbox="1279 325 1494 520"></div> <p>Recommendations: Fall-surface in this area should be maintained on a regular basis. Loose-fill surfacing should be added to the use zone. Surface should have a consistent 9"-12" of absorbing material.</p>
<p>Location Description: CLIMBING WALL</p> <div data-bbox="43 791 427 1173"></div> <div data-bbox="451 791 613 829">PG: 261</div> <div data-bbox="630 791 792 829">HIC: 2107</div> <div data-bbox="506 900 721 1096"></div> <p>Recommendations: Fall-surface in this area should be maintained on a regular basis. Loose-fill surfacing should be added to the use zone. Surface should have a consistent 9"-12" of absorbing material.</p>	<p>Location Description: SLIDE</p> <div data-bbox="816 791 1198 1173"></div> <div data-bbox="1230 791 1393 829">PG: 250</div> <div data-bbox="1409 791 1572 829">HIC: 2001</div> <div data-bbox="1279 900 1494 1096"></div> <p>Recommendations: Fall-surface in this area should be maintained on a regular basis. Loose-fill surfacing should be added to the use zone. Surface should have a consistent 9"-12" of absorbing material.</p>
<p>Location Description: LADDER</p> <div data-bbox="43 1367 427 1749"></div> <div data-bbox="451 1367 613 1404">PG: 141</div> <div data-bbox="630 1367 792 1404">HIC: 920</div> <div data-bbox="506 1476 721 1671"></div> <p>Recommendations: Fall-surface in this area should be maintained on a regular basis. Loose-fill surfacing should be added to the use zone. Surface should have a consistent 9"-12" of absorbing material.</p>	<p>Location Description: BAR CLIMBER</p> <div data-bbox="816 1367 1198 1749"></div> <div data-bbox="1230 1367 1393 1404">PG: 117</div> <div data-bbox="1409 1367 1572 1404">HIC: 576</div> <div data-bbox="1279 1476 1494 1671"></div> <p>Recommendations: N/A</p>


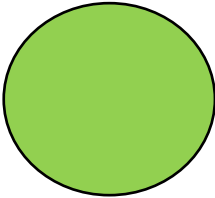

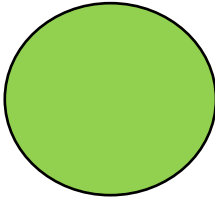

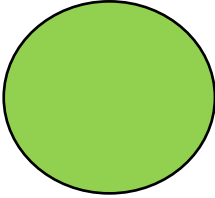
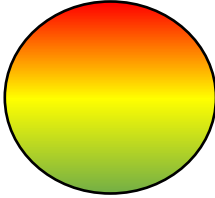
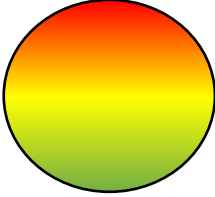
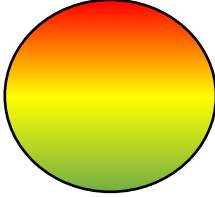
Disclaimer: The loss control recommendations generated by this visit should be used as a risk management tool only and are to the best of the writer's knowledge authentic and reliable. WHA Insurance makes no guarantee of results and assumes no liability in connection with either the information or safety recommendations herein contained. The recommendations do not mitigate or protect the district from OR-OSHA compliance and/or monetary penalties. It cannot be assumed that every acceptable safety procedure or hazardous condition across the entire district is contained herein, or that abnormal or unusual circumstances may not warrant or require further or additional procedures or follow-up.

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<p>Location Description: LOOP LADDER</p>  <p>PG: 133 HIC: 664</p>  <p>Recommendations: N/A</p>	<p>Location Description: TRACK RIDE</p>  <p>PG: 224 HIC: 1140</p>  <p>Recommendations: Fall-surface in this area should be maintained on a regular basis. Loose-fill surfacing should be added to the use zone. Surface should have a consistent 9”-12” of absorbing material.</p>
<p>Location Description: SWINGS</p>  <p>PG: 99 HIC: 380</p>  <p>Recommendations: Loose-fill surfacing should be added to the swings use zones. Surface should have a consistent 9”-12” of absorbing material. Consider adding attenuation mats beneath each swing.</p>	<p>Location Description: SWINGS</p>  <p>PG: 117 HIC: 535</p>  <p>Recommendations: Loose-fill surfacing should be added to the swings use zones. Surface should have a consistent 9”-12” of absorbing material. Consider adding attenuation mats beneath each swing.</p>
<p>Location Description: SWINGS</p>  <p>PG: 166 HIC: 865</p>  <p>Recommendations: Loose-fill surfacing should be added to the swings use zones. Surface should have a consistent 9”-12” of absorbing material. Consider adding attenuation mats beneath each swing.</p>	<p>Location Description: SWINGS</p>  <p>PG: 155 HIC: 761</p>  <p>Recommendations: Loose-fill surfacing should be added to the swings use zones. Surface should have a consistent 9”-12” of absorbing material. Consider adding attenuation mats beneath each swing.</p>

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PG: 142	HIC: 720				
<p>Location Description: SWINGS</p>  <table border="1" data-bbox="451 787 794 829"><tr><td>PG: 140</td><td>HIC: 638</td></tr></table>  <p>Recommendations: Loose-fill surfacing should be added to the swings use zones. Surface should have a consistent 9"-12" of absorbing material. Consider adding attenuation mats beneath each swing.</p>	PG: 140	HIC: 638	<p>Location Description: Click or tap here to enter text.</p> <table border="1" data-bbox="1222 787 1565 829"><tr><td>PG: Click</td><td>HIC: Click</td></tr></table>  <p>Recommendations: Click or tap here to enter text.</p>	PG: Click	HIC: Click
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<p>Location Description: Click or tap here to enter text.</p> <table border="1" data-bbox="451 1362 794 1404"><tr><td>PG: Click</td><td>HIC: Click</td></tr></table>  <p>Recommendations: Click or tap here to enter text.</p>	PG: Click	HIC: Click	<p>Location Description: Click or tap here to enter text.</p> <table border="1" data-bbox="1222 1362 1565 1404"><tr><td>PG: Click</td><td>HIC: Click</td></tr></table>  <p>Recommendations: Click or tap here to enter text.</p>	PG: Click	HIC: Click
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