Serious Event Review - Drop Object- Water Pump Struck Workers Hard Hat

Aecon Business: Major Projects East

Project / Location: BNA (Gordie Howe) Canadian Bridge Pier 14

Date of Event: Oct 16th, 2024

Event Type: Lost Time (mild to severe concussion requiring 4 days away from work)

Event Summary:

An electric 2-inch water pump fell 18’4” striking a laborer on the back of the hard hat, causing a mild to severe concussion. The injured worker did not lose consciousness and remained on his feet. Operations were stopped, and the worker was sent to an offsite clinic for evaluation.

Contributing Factors:

- - Equipment tethers not being utilized

- - Water pump not adequately secured

- - False sense of security with existing prevention measures

- - Clutter and tools in a tight work location

- - Power cord tension causing the pump to tip over

Lessons Learned:

- - Implement a process flow to prevent dropped objects

- - Regular verifications for safety compliance

- - Increased focus on drop object prevention

- - Ensure proper head protection for all workers

- - Visual assessment of tasks to prevent entanglement

- - Immediate removal of unnecessary tools and equipment

- - Follow and verify all dropped object prevention SOP’s

Supporting Pictures:

## Supporting Pictures

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