



AHC Players' Bench Ramp Glass Removal

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Approved by: Jody Boulet, Director of Community Services

Signature: _____

Practice No: 7.1.1

Effective: September 26, 2018

Replaces: April 23, 2015

Required Equipment & PPE:

- Water Works Truck & Qualified Operator
- Forklift & Qualified Operator - inspected
- Glass Carts
- Glass Cups charged and inspected
- Exhaust fans on board on ice surface - inspected
- Board or Chloroplast for ice under Water Works Truck exhaust
- Glass spacers and clips
- CSA Safety Boots
- Spikeys (if ice is in)
- Gloves
- Safety Goggles
- Hard Hat

Work Procedure:

1. Crew of 5 – 1 Water Works Crane Operator, 1 Arena Crew Foreman, 1 Maintenance, 2 Arena Attendants.
2. Ensure all equipment to be used is ready for use and prior inspection recorded.
3. Appoint Crew Foreman from Arena Staff to review hazards and process to be followed.
4. Hazards to be reported to whole crew prior to starting:
 - Bleacher side – short pony wall once glass removed
 - Bleacher side – look for trip hazards and remove any items in the work area
 - Hands – possibility of pinch hazards
 - Possibility of glass breakage during the removal/install – be cautious and ensure all equipment charged and inspected prior to starting
5. Forklift to have glass cart on surface for easy access

6. Water Works Truck to be stationed on surface for easy access of crane from glass to bench area. If ice is in, then a board must be placed under the Truck exhaust to prevent ice melting.
7. Exhaust fans to be on, doors open if necessary and portable fans on ice surface to blow exhaust fumes away from work site. If ice in be sure to use board for fans around exhaust to prevent ice melting.
8. Crew stations:
 - 1 Crane Operator with Truck
 - 1 Arena Staff by glass cart with cups
 - 2 Arena staff on bleacher side of ramp
 - 1 Arena Staff in position to provide direction to Crane Operator for communication
 - 1 spare to assist with roaming, if available – may be 2nd Water Works person

Removal of Tempered Glass

9. Start by removing the top 2 sheets of glass at the top of the ramp, and then proceed to sides. Each sheet of glass MUST be clearly labelled with permanent marker so easy for installation in proper order. Glass can be cleaned afterwards.
10. Crane to work from bleacher side so no use of a ladder in rampway required.
11. Crane to lift glass from ramp onto glass cart in order of removal. Once glass in air to be located on glass cart, the 2nd Water Works staff or Arena Staff on the floor surface can provide direction to Crane Operator.
12. Once all pieces removed, vacuum out glass sill and grooves & clean out prior to installation of acrylic pieces.

Installation of Tempered Glass

13. Same process, but is certain about correct glass placement for each ramp – this is where the labelling is critical to avoid delays and ease of process.
14. Remove acrylic glass.
15. Clean glass grooves and sill prior to installation of tempered glass.
16. Have spaces and glass clips on bleacher side for installation.