This bulletin is to provide direction to manufacturers, contractors and owners about the use of wheeled devices on horizontal and inclined moving walks.

Inclined Moving Walks (Slope >3°)

Shopping carts, strollers etc. will not be allowed on new inclined moving walk installations.

For inclined moving walk installations currently sold and reported to TSSA, where the owner intends to carry shopping carts, a variance request shall be forwarded to TSSA for consideration. See Hazard Mitigation.

For existing installations, TSSA will continue to work with owners and operators of existing inclined moving walk installations to address safety issues.

Horizontal Moving Walks

TSSA will not prohibit the use of wheeled devices on new horizontal moving walk installations with an incline of 3° or less, however a variance will be required to address safety issues, see Hazard Mitigation.

Hazard Mitigation

Per the requirements above, a variance may be granted, subject to conditions, to allow the use of wheeled devices, such as shopping carts or luggage carts, if the variance would not detrimentally affect the safe use of the moving walk or the health and safety of any person.

If a variance request is anticipated, TSSA will require the moving walk manufacturer, the cart manufacturer and the owner to work cooperatively to assess and mitigate the hazards. Submission of the variance request shall be the responsibility of the owner.
The variance request shall include the moving walk manufacturer’s assessment of the design suitability in relation to the use of the proposed wheeled device.
The variance must also address the owner’s duties and responsibilities relating to patron usage and the ongoing maintenance of both the moving walk and the wheeled devices.

The variance application shall also include an assessment of all risks associated with the intended wheeled devices and propose mitigation strategies, including, but limited to, wheeled device stability, wheeled device size to tread width, wheel locks, and the wheeled device’s ability to effectively disembark over the combplate.
These requirements apply to new horizontal moving walk installations and both horizontal and inclined moving walk installations which are in progress.

Note: Wheeled luggage is permissible on both horizontal and inclined moving walks and is exempt.

Moving Walk Signage

Initially, the hazards associated with wheeled devices on escalators were identified.

With the release of Canadian Standards Association, B44-00 Safety Code for Elevators (B44-00), the hazards associated with passenger use of wheeled devices on Moving Walks has been recognized in the code.

To mitigate these hazards, the B44-00 specified signage requirements and required the familiar “Passengers Only” caution to be affixed to Moving Walks. The pictograph also included an additional universal graphic symbol prohibiting the use of “wheeled devices”.

Since the release of the B44-00, the signage requirement for escalators has been extended to Moving Walks. See B44-00 and B44-04 requirement 6.2.6.8.1 for moving walks and 6.1.6.9.1 for escalators. Accordingly, all moving walks must display the required signage.

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This Bulletin has been developed in consultation with the Elevating Devices Advisory Council.