



IBE25-004 Safety Bulletin Elevator Cab Enclosure Alterations, Repairs and Replacements

Understanding Risks and Mandatory Requirements

Issued September 2025

Subject: Safety Risks and Regulatory Requirements for Cab Enclosure Repairs, Replacements and Alterations

AEDARSA has observed a growing number of elevator system failures, code violations, and costly remediation efforts resulting from unauthorized or improperly performed work to elevator car enclosures.

Unauthorized Work Creates Safety Risks

Repairs or replacements involving flooring, wall panels, ceiling panels, and lighting are increasingly being performed by building owners, contractors, or tradespeople who lack knowledge of elevator system requirements. This has led to:

- Overloaded cars causing brake failure, sheave shaft failure, and levelling issues
- Installation of non-compliant glass and mirror panels
- Structural failure of ceiling and wall panels
- Materials and adhesives not meeting smoke development and flame spread ratings
- Passenger entrapments

Important: Only certified Elevator Constructors are permitted to access hoistways and perform work on car cabs, panels, and lighting systems. This work is restricted to Elevator Constructors under the **Designated Trades and Restricted Activities Regulation (AR 161/2022)**.

"Like-for-Like"

The term "like-for-like" when applied to a repair or replacement is often misused. What appears "the same" may differ in weight, material properties, or installation method. Misapplication by unqualified personnel, whether accidental or intentional, can jeopardize passenger safety and system integrity.

Scope of Work Review Submissions are Mandatory for all Repairs and Replacements

Before any cab enclosure repair or replacement work begins, the **Scope of Work Review Form** must be submitted to AEDARSA. This will determine whether a "**Special Inspection**" is required or the work qualifies as a "**Major Alteration**", triggering engineering review and acceptance inspection.

All Cab Interior Modernizations Are Major Alterations

AEDARSA classifies all cab enclosure modernizations, modifications, refurbishments, and upgrades as a "Major Alteration", regardless of whether changes to car deadweight are within the 5% tolerance in ASME A17.1/CSA B44 Section 8.7.

Visit www.aedarsa.com for Elevator Car Enclosure Applications and Repair/Replacement Scope of Work review forms.

Submit Forms and Documents to:

calgaryinspections@aedarsa.com or edmontoninspections@aedarsa.com