



Alberta Elevating Devices  
& Amusement Rides  
Safety Association

## Information Bulletin No. IBE20-013 ISSUED June10, 2020

### Subject: Minimum Rated load for Passenger Elevators

**Issue:** Elevator load monitoring systems being used to reduce the capacity of a passenger elevator car.

### Background:

There have been questions raised as to the ability for the maintenance providers to alter the programming of the elevator load monitoring device(s) to reduce rated load of the car cab, to achieve Social Distancing requirements and encourage elevator etiquette during the Covid-19 Pandemic.

The elevator code is silent regarding the capacity of the elevator car, provided it meets the platform to carload design criteria as set out in *ASME 17.1-2013/CSA B44-13 Clause 2.16.1* as adopted by Alberta by the *Elevating Devices Codes Regulation AR 192/2015*.

Historically, elevator load weighing devices have been used to bypass hall calls, limiting the number of passengers in the car and limiting the number of unnecessary stops, to expedite the travel time of the car when cars reach 80% of capacity.

However, there are other factors that must be taken into considered before limiting the capacity of the car;

1. Firefighters Emergency Operation (FEO) may require the full capacity of the car to meet the needs of firefighters and there equipment at least 900 kg.
2. Emergency Responders needing to evacuate persons via stretchers which , with the stretcher and associated equipment, attendants and patient could be over 900 kg

### Requirements:

At no time can the car's capacity be reduced via a load weighing device preventing its operation if the following requirements of 1 and 2 noted above are required during operation.

### Implementation:

This information bulletin is effective immediately

Signed:



Dean McKernon  
AEDARSA VP of Operations

TYPE: Information	DESCRIPTION: Minimum Rated load for Passenger Elevators	REGULATION: Elevators
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