



ELEVATOR BRAKE UPDATE

Effective Jan. 1, 2027

THE NEW YORK ELEVATOR CODE

The NYC Department of Buildings (DOB) has introduced new safety regulations for elevator brakes to enhance safety and prevent hazards. All traction elevators with single plunger brakes in NYC must be upgraded to a more secure braking system to minimize the risks of elevator malfunctions.

Elevator Code : 3.8.4.1 Single Plunger Brakes.

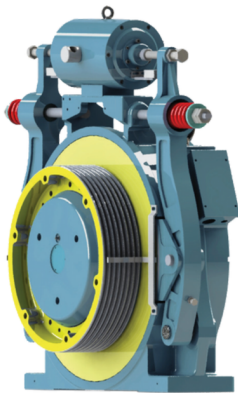
All existing traction elevators with single plunger brakes must comply with either of the following by January 1, 2027: 1) Alteration of single plunger assemblies to dual-plunger type or 2) Compliance with Unintended Car Movement Protection as specified by Section 2.19.2 of ASME A17.1.

Based on the age, model, and condition of your existing traction elevator equipment, there are options like dual plunger assemblies and rope grippers to comply with code updates, each with unique applications.



Rope Grippers

- This method may offer a simple and more cost-effective solution, as rope grippers can be installed on existing hoisting ropes, requiring minimal modifications to the current elevator system.
- These mechanical clamps grab onto the hoisting ropes in case of unexpected movement, preventing uncontrolled ascent or descent, complying with Section 2.19.2 of ASME A17.1.




Dual Plunger Assemblies

- This upgrade may require a more complex and comprehensive overhaul of your existing hardware, depending on the age, make and model of your elevator equipment.
- This involves installing a braking system with multiple triggers that engage with the motor's drive wheel or sheave, bringing the elevator to a safe controlled stop when electrical charge is removed.

LIBERTY LEGACY

By understanding the upcoming NYC code requirements and taking action now, you can ensure your building remains compliant, prioritize passenger safety, and potentially reap the long-term benefits of elevator modernization. Contact Liberty Elevator Corporation today to schedule a free consultation and discuss the best course of action for your building.



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