



Miami-Dade County  
Internal Services Department  
Facilities and Utilities Management Division  
Office of Elevator Safety

[www.miamidade.gov/facilities/elevators.asp](http://www.miamidade.gov/facilities/elevators.asp)

## ***INDUSTRY BULLETIN***

*for Miami-Dade County's Elevator Owners & Industry*

**SUBJECT:** Variance Procedures for Installation of ERRC equipment in Elevator Hoistways  
Miami-Dade County **Bulletin 2024-03 / March 22, 2024**

**This bulletin is intended for all Registered Elevator Companies who plan to apply for a Variance from Code for the installation of equipment inside elevator hoistways to provide Emergency Responder Radio Coverage (ERRC) within the elevator car.**

### **BACKGROUND:**

In 2017, the newly adopted National Fire Alarm and Signaling Code increased the requirements for ERRC within buildings, including within the elevator cars. In itself, this did not create a conflict with the Elevator Safety Code. However, in many instances it has been deemed necessary to install antenna equipment within the elevator hoistway in order to achieve the required coverage which violates ASME A17.1-2.8.2.2 (2019 and earlier editions). Since then, we have required a Variance from Code from our office in order to install such equipment. To date, to apply for this Variance, we have required certain documentation related to equipment interference and protection from contact for elevator personnel. On September 20, 2023, ASME published A17.1-2022 which permits and provides specific requirements for the installation of ERRC equipment in hoistways.

### **WHAT'S CHANGING:**

In order to apply for a Variance from Code for ERRC's moving forward, an affidavit from the Registered Elevator Company (permit holder) stating that the installation will be in compliance with ASME A17.1-2022, Rule 2.8.7 will be accepted as part of the Variance application and will be sufficient for the submittal. Any Variances issued will require adherence with this rule and the installation will be inspected for compliance.

<https://www.miamidade.gov/facilities/library/elevator-code-compliance-affidavit.pdf>

This is intended to provide clear requirements for installation and streamline the application process. **Upon adoption of A17.1-2022 in the State of Florida, this Variance will no longer be required.**

If you have any questions or concerns, please don't hesitate to contact us.

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