



CLARK COUNTY FIRE DEPARTMENT
Fire Prevention Bureau
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Permit Type: 105.7.5.c
Control Number: C.0
Effective Date: 11/15/11

TITLE: ELEVATOR RECALL

SCOPE: Clark County Fire Department requirements for the submittal and design of an Elevator Recall System.

The guideline applies to buildings that have elevator recall but do not have fire alarm systems installed. Where a fire alarm system is installed, that system shall perform elevator recall functions and a stand-alone elevator recall panel is not permitted.

For new work in existing buildings, see the "New Work in Existing Buildings" guideline.

PURPOSE: To standardize plan/permit requirements of the Fire Department in accordance with the Clark County Fire Code. Permits are valid through the duration of construction. Work must commence within 180 days, and remain active with no period of inactivity exceeding 180 days, or the permit becomes invalid.

DEFINITIONS:

Assessor's Parcel Number (APN): A unique number assigned to each property by the Clark County Assessor's office.

Elevator Recall Panel: The elevator recall panel is a control unit that is intended to recall elevators in buildings that do not have fire alarm systems installed. This type of panel is considered to be a dedicated function fire alarm control unit as defined by NFPA 72.

PERMIT FEES:

Permit fees shall be assessed in accordance with the Permit Fee Schedule as adopted in the Clark County Fire Code. Express permits will be reviewed within five working days.

SPECIFICATIONS AND SUBMITTAL REQUIREMENTS:

An application must be completed for each submittal. A minimum of three sets of plans and two sets of specifications shall be submitted with the permit application. The minimum size of the plans shall be 8½"x11". Plans shall show compliance in accordance with Chapter 9 of the Clark County Fire Code, as adopted and amended.

All submittals must be legible and readable or the plan shall be issued a correction letter for cause.

Plans shall address the following:

1. Indicate the project name, address, and APN (Assessor's Parcel Number). Note that each separate building having a unique address requires a separate permit.
2. Provide a detailed scope of work for the project.
3. Specifically indicate on the plans what devices are being installed and what devices were previously installed.
4. The following components must be shown on the plans: the elevator recall panel, relays for primary recall, alternate recall, fireman's hat, and all smoke detector and/or heat detector locations.
5. Smoke detectors shall be installed in the following locations: each elevator lobby, each elevator machine room, and each elevator hoist way when a sprinkler is installed at the top of the hoist way. Heat detectors may be allowed to be installed in lieu of smoke detectors when environmental conditions dictate as such.
6. Shunt trip function is prohibited. Heat detectors shall not be installed at the bottom of elevator hoist ways when sprinklers are installed per NFPA 13.
7. Lobby smoke detector(s) shall be located on the ceiling at the highest ceiling elevation within 21 feet of the centerline of each elevator door within the elevator bank under control of the detector(s).
8. For all devices installed, indicate the manufacturer(s) and model number(s) on the plans.
9. Indicate the building occupancy classification, as defined by the International Building Code.
10. Indicate the occupant load and the square footage of the building.
11. Indicate that a dedicated circuit is to be provided to power the elevator recall panel and shall be labeled as such.

Please note that pull stations, duct detectors, sprinkler system devices or any other initiating devices shall not be interfaced with elevator recall panels, except for those detectors that are required to perform the elevator recall functions. Note that notification appliances shall not be interfaced with elevator recall panels. Also note that elevator

recall panels shall not provide functions such as, but not limited to, air handler shutdown functions, the control of fire smoke dampers, etc.

PERMIT REVISIONS AND RESUBMITTALS:

Revisions to approved plans are required to be submitted and approved. Revisions will be assessed additional plan review fees. A copy of the previously approved plan shall accompany the revised submittal to facilitate the review. Clearly indicate all changes to the revised plans by clouding the change with a delta number to signify the date of plan change. When several changes have been made, a detailed list of changes is required.

Re-submittals to address a Letter of Correction will require a full submittal. These plans require a copy of the red lined plan from the previous submittal to facilitate the review. Clearly indicate all changes by clouding the change with the delta number to signify the date of plan change.

PLANS CHECK STATUS INSTRUCTIONS:

The status of the review can be checked by logging on to:
www.clarkcountynv.gov/depts/fire

INSPECTIONS THAT MAY BE REQUIRED AND SCHEDULING INSTRUCTIONS:

If approved, an inspection will need to be scheduled. To schedule an inspection, go to: www.clarkcountynv.gov/depts/fire. A fire inspector will review your site in accordance with the approved plans and this guideline.

The Clark County Fire Department's Fire Prevention Bureau (FPB) may witness and accept inspection, testing and maintenance of fire and life safety systems conducted by approved individuals as required by and within the scope and authority of the Clark County Fire Code.

This Guideline does not take the place of the Fire Code and does not take precedence over any Fire Code requirement or position taken by the Fire Chief. When a conflict exists between the requirements of this Guideline and the Fire Code or the opinion of the Fire Chief, the Fire Code or opinion of the Fire Chief prevails.

Technical Assistance, when required by the fire chief, will require a Technical Opinion and Report prepared by a State of Nevada licensed: qualified engineer, specialist, laboratory, or fire safety specialty organization acceptable to the Fire Chief and the owner. The Fire Chief is authorized to require design submittals to bear the Wet Stamp and Signature of a professional engineer.

Acceptance of Alternative Materials and Methods requires a Technical Opinion and Report prepared by a State of Nevada licensed: qualified engineer, specialist, laboratory, or fire safety specialty organization acceptable to the Fire Chief and the owner. The Fire Chief is authorized to require design submittals to bear the Wet Stamp and Signature of a professional engineer.