







# Model Code Modifications by Requirement #


## Requirement # Search term: "620.3\*\*"

This CodeFinder database report was generated for **[YOUR NAME]** and printed on **mm/dd/yyyy**. **[YOUR NAME]** is granted a single user non-transferable license for the use of CodeFinder database generated reports which are not to be copied in whole or in part for distribution outside **[YOUR COMPANY]**.

This icon  may appear at selected locations within the report. If an issue arises you are encouraged to click on the icon at the point of the issue and a feedback form will be generated. Please fill in the appropriate information and click on the submit feedback button.

 If this icon appears below that item's accuracy is being verified and is under review.

<b>State:</b> Illinois			<b>Jurisdiction:</b> Chicago			<b>Code Type:</b> Electrical		
<b>Agency Name</b>								
Department of Buildings 								
<b>Code:</b> NFPA 70 National Electrical Code 			<b>Edition:</b> 1999			<b>Effective Date:</b> 01/01/2000 As of Date: Installation Permit Date		
<b>Comments:</b> Electrical requirements are contained in Chapter 18-27 of the Chicago Building Code.								

Requirement #	Comments	Effective Date	Document Link
620.32 	Modified	01/01/2000	

18-27-620.32

Metal Wireways [and Nonmetallic Wireways](#)

The sum of the cross-sectional area of the individual conductors in a wireway shall not be more than 50 percent of the interior cross-sectional area of the wireway. Vertical runs of wireways shall be securely supported at intervals not exceeding 15 ft (4.57 m) and shall have not more than one joint between supports. Adjoining wireway sections shall be securely fastened together to provide a rigid joint.



<b>Agency Name</b>
Department of Buildings

<b>Code:</b> NFPA 70 National Electrical Code	<b>Edition:</b> 1999	<b>Effective Date:</b> 01/01/2000 As of Date: Installation Permit Date
--	----------------------	---

**Comments:** Electrical requirements are contained in Chapter 18-27 of the Chicago Building Code.

Requirement #	Comments	Effective Date	Document Link
620.37	Modified	01/01/2000	

18-27-620.37  
Wiring in Hoistways and Machine Rooms

(c) Main Feeders. Main feeders for supplying power to elevators and dumbwaiters shall be installed outside the hoistway unless as follows.

(1) By special permission **from the executive director**, feeders for elevators shall be permitted within an existing hoistway if no conductors are spliced within the hoistway.

<b>Agency Name</b>
Department of Buildings

<b>Code:</b> NFPA 70 National Electrical Code	<b>Edition:</b> 1999	<b>Effective Date:</b> 01/01/2000 As of Date: Installation Permit Date
--	----------------------	---

**Comments:** Electrical requirements are contained in Chapter 18-27 of the Chicago Building Code.

Requirement #	Comments	Effective Date	Document Link
620.3	Replaced	01/01/2000	

18-27-620.3  
The nominal voltage used for elevator, dumbwaiter, escalator, and moving walk, wheelchair lift, and stairway chairlift control signaling circuits, operating equipment, drive machine motors, machine brakes, and motor-generator sets shall not exceed the following:

(a) 150 Volts to Ground. Operating, control and signaling circuits and related equipment. Circuits that supply the car lighting, receptacle outlets, ventilation, heating and air



conditioning.

(b) 600 Volts. Branch circuits to door operator controllers and door motors and branch circuits and feeders to motor controllers, drive machine motors, machine brakes, and motor-generator sets shall not have a circuit voltage in excess of 600 volts. Internal voltages of power conversion and functionally associated equipment, including interconnecting wiring, shall be permitted to have higher voltages provided that all such equipment and wiring shall be listed for the higher voltages. Where the voltage exceeds 150 volts to ground, warning labels or signs that read DANGERHIGH VOLTAGE shall be attached to the equipment and shall be plainly visible.

~~The supply voltage shall not in exceed 300 volts between conductors unless otherwise permitted in (a) through (c).~~


~~(a) Power Circuits. Branch circuits to door operator controllers and door motors and branch circuits and feeders to motor controllers, driving machine motors, machine brakes, and motor-generator sets shall not have a circuit voltage in excess of 600 volts. Internal voltages of power conversion and functionally associated equipment, including the interconnecting wiring, shall be permitted to have higher voltages provided that all such equipment and wiring shall be listed for the higher voltages. Where the voltage exceeds 600 volts, warning labels or signs that read DANGER-HIGH VOLTAGE shall be attached to the equipment and shall be plainly visible.~~

~~(b) Lighting Circuits. Lighting circuits shall comply with the requirements of Article 410.~~

~~(c) Heating and Air-Conditioning Circuits. Branch circuits for heating and air-conditioning equipment located on the elevator car shall not have a circuit voltage in excess of 600 volts.~~

<b>State:</b> New York			<b>Jurisdiction:</b> New York City			<b>Code Type:</b> Electrical		
<b>Agency Name</b>								
Department of Buildings Bureau of Electrical Control								
<b>Code:</b> NFPA 70 National Electrical Code			<b>Edition:</b> 2002			<b>Effective Date:</b> 01/01/2004 As of Date: Building Permit Date		
<b>Comments:</b>								



Requirement #	Comments	Effective Date	Document Link
620.3(A) 	Modified	01/01/2004	

**620.3(A) Power Circuits.**

~~Branch circuits to door operator controllers and door motors and branch circuits and feeders to motor controllers, driving machine motors, machine brakes, and motor-generator sets shall not have a voltage in excess of 600 volts.~~ The nominal voltage used for elevator, dumbwaiter, escalator, and moving walk operating control and signaling circuits, operating equipment, driving machine motors, machine brakes, and motorgenerator sets shall not exceed the following: **300 Volts.** For operating control and signaling circuits and related equipment, including door operator motors. **600 Volts.** Driving machine motors, machine brakes, and motor generator sets. Internal voltages of power conversion and functionally associated equipment, including the interconnecting wiring, shall be permitted to have higher voltages, provided that all such equipment and wiring shall be listed for the higher voltage. Where the voltage exceeds 600 volts, warning labels or signs that read DANGER---HIGH VOLTAGE shall be attached to the equipment and shall be plainly visible.