

2006 ICC Electrical Code

Page 1, section 101.1: Insert The City of Pittsburgh.

101.1 Title. These regulations shall be known as the *Electrical Code-Administrative provisions* of ~~[NAME OF JURISDICTION]~~, hereinafter referred to as “this code.”

Page 1, section 101.3 Add a new exception to comply with Title 34 Scope.

101.3 Scope. This code shall regulate the design, construction, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of electrical systems and equipment.

Exception: The provisions of this code do not apply to the items stipulated in PA Title 34, 403.1.

Page 5, section 301.1 Delete and insert: The Bureau of Building Inspection (also referred to as BBI).

301.1 Creation of enforcement agency. ~~The department of electrical inspection~~ is hereby created and the official in charge thereof shall be known as the code official. The function of the department shall be to assist the code official in the administration and enforcement of the provisions of this code.

Page7, section 401.2 Add new text beneath this section: Note: this requirement supercedes the provisions of Title 34, 403.42(b).

Page7, section 401.2 Add new section 401.2.1: 401.2.1 Security Systems. An electrical permit is required for all security systems, other than those installed in one and two family dwellings

401.2 Types of permits. An owner, authorized agent or contractor who desires to construct, enlarge, alter, repair, move, demolish or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace electrical systems or equipment, the installation of which is regulated by this code, or to cause such work to be done, shall first make application to the code official and obtain the required permit for the work.

Exception: Where repair or replacement of electrical systems or equipment must be performed in an emergency situation, the permit application shall be submitted within the next working business day of the department of electrical inspection.

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Page 7, section 402.2 Delete text and replace with; All applicants for permits, issued by The Bureau of Building Inspection, shall comply with the applicable licensing provisions contained in Title 7, Article V: Trade Occupations, of The Pittsburgh Code of Ordinances. The applicant shall complete the appropriate permit application in its entirety, and sign said document.

All permit applications for Health Care Facilities, as defined by Title 34, must be accompanied by an approval certificate from The Pennsylvania Department of Health. Applications will not be accepted without this approval.

All permit applications for Child Day Care Facilities, as defined by Title 34, must be accompanied by approved documentation from The Pennsylvania Department of Welfare. Applications will not be accepted without this documentation.

~~402.2 Application. Application for a permit required by this code shall be made to the code official in such form and detail as prescribed by the code official. Applications for permits shall be accompanied by such plans as prescribed by the code official.~~

Page 7, section 402.3 Delete the text indicated and insert: 30 business days from the date that the application is accepted as complete.

~~402.3 Action on application. The code official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of pertinent laws, the code official shall reject such application in writing, stating the reasons therefor. If the code official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the code official shall issue a permit therefor as soon as practicable.~~

Page 9, section 501.1 Delete the text indicated and insert: “A licensed architect or licensed professional engineer shall prepare the construction documents under the Architects Licensure Law (63 P. S. §§ 34.1--34.22), or the Engineer, Land Surveyor and Geologist Registration Law (63 P. S. §§ 148--158.2).”

~~501.1 Submittal documents. Construction documents, special inspection and structural observation programs, and other data shall be submitted in one or more sets with each application for a permit. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the code official is authorized to require additional construction documents to be prepared by a registered design professional.~~

Page 9, section 501.3 Add new section 501.4: 501.4 Health Care Facilities. The construction documents for all Health Care Facilities, as defined by PA Title 34, must bear the original stamp of approval from The Pennsylvania Department of Health.

501.3 Site plan. The construction documents submitted with the application for permit shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from lot lines, the established street grades and the proposed finished grades; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The code official is permitted to waive or modify the requirement for a site plan where the application for permit is for alteration or repair or where otherwise warranted.

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Page 9, section 503.1 Delete the indicated text and insert: the owner shall

503.1 General. When it is required that documents be prepared by a registered design professional, ~~the building official shall be authorized to require the owner to engage and~~ designate on the building permit application a registered design professional who shall act as the registered design professional in responsible charge. If the circumstances require, the owner shall designate a substitute registered design professional in responsible charge who shall perform the duties required of the original registered design professional in responsible charge.

The building official shall be notified in writing by the owner if the registered design professional in responsible charge is changed or is unable to continue to perform the duties.

Pg. 13, section 702.1.2 Add new section 702.1.2.1: 702.1.2.1 Inspection Notice. A minimum of 2 working days notice shall be required for any work which is to be covered or concealed.

702.1.2 Concealed work. Work shall remain accessible and exposed for inspection purposes until approved. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Wherever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the code official shall have the authority to require that such work be exposed for inspection. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

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Pg. 14, section 702.6 delete the word person and replace it with: registered electrical contractor. Insert the following text after the last sentence: Failure to comply with these requirements may result in the suspension of the contractor's license.

702.6 Inspection requests. It shall be the duty of the ~~person~~ doing the work authorized by a permit to notify the code official that such work is ready for inspection. It shall be the duty of the ~~person~~ requesting any inspections required by this code to provide access to and means for inspection of such work.

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Pg. 15, section 801.1 Add new section 801.1.1: 801.1.1 Repairs and Alterations. Any addition, alteration or repair that is made to any part of a building's service (service conductor, service lateral, metering equipment or service equipment) shall entail that the entire service (from the service point to and including the service equipment) be brought into compliance with the current regulations of the City of Pittsburgh

801.1 Connection of service utilities. No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until released by the code official.

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Pg. 19, section 1003.1 Delete the text indicated and replace with: Any person who shall violate a provision of this code or shall fail to comply with any requirement thereof or who shall erect, construct, alter or repair a building or structure in violation of an approved plan or directive of the code official, or of permit or certificate issued under the provisions of this code shall be penalized as provided for under section 903 of Act 45 (35 P. S. § 7210.903).

~~1003.1 Penalties. Any person who fails to comply with the provisions of this code or who fails to carry out an order made pursuant of this code or violates any condition attached to a permit, approval or certificate shall be subject to the penalties established by this jurisdiction.~~

Pg. 19, section 1004.3 Delete the text indicated and replace with: Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition shall be subject to the provisions of section 903 of Act 45 (35 P. S. § 7210.903).

1004.3 Unlawful continuance. ~~Any person who shall continue any work in or about the structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.~~

Page 21; Delete sections 1101.1 through 1103.7, inclusive, and replace with:

1101.1 General. Refer to Appendix B, of The International Building Code, for the provisions pertaining to The Board of Appeals.

Pg. 23, section 1202.1 Add new section 1202.1.1 1202.1.1 Disconnecting means. All disconnecting means, for each building, shall comply with the following provisions. These requirements shall apply to service equipment, as covered by NEC 230 Part VI, and to building disconnects fed by another building NEC 225-31.

1. All disconnects must be grouped at one common location which is accessible to all building occupants served by this equipment, without having to go through another tenant's space. The access for all occupants is not required in buildings that have employees on the premises (24 hours a day, 7 days a week.)
2. Disconnecting means, which are located within the interior of a building, shall be arranged, such, that the total length of conductor (as measured from the point that it penetrates an exterior wall or floor surface, until it enters the disconnecting means enclosure) does not exceed the following distances:
 - a) For cable type wiring methods and raceways less than 2 inches electrical trade size, the maximum length of conductor inside the building shall not exceed 4 feet.
 - b) For raceways greater than 2 inches but less than 4 inches electrical trade size, the maximum length of conductor inside the building shall not exceed 5 feet.
 - c) For raceways greater than 4 inches electrical trade size, the maximum length of conductor inside the building shall not exceed 6 feet.
 - d) For installations, meeting all of the following criteria, the length of conductor inside the building shall not exceed 20 feet.

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(1). The equipment is located in a dedicated room, having no other equipment, (such as fire pumps, generators, transfer switches, distribution panels for emergency or standby circuits, mechanical equipment) other than that necessary for illumination, ventilation or fire protection of the room.

(2). The room is enclosed with 2-hour fire-resistance rated fire separation assemblies and proper opening protectives.

(3). The room is equipped throughout with an automatic sprinkler system.

1202.1 General. The provisions of this section shall apply to the design, construction, installation, use and maintenance of electrical systems and equipment. Where differences occur between provisions of this code and referenced codes or standards, the provisions of this code shall apply.→→

Pg. 23, section 1202.1 Add new section 1202.1.2: 1202.1.2 Public works. All raceways and cables, for electrical power or communications, that are installed beneath a City of Pittsburgh right-of-way (including, but not limited to, sidewalks and driveways) shall be a minimum of 36 inches below grade so as to comply with The Department of Public Works requirements.

1202.1 General. The provisions of this section shall apply to the design, construction, installation, use and maintenance of electrical systems and equipment. Where differences occur between provisions of this code and referenced codes or standards, the provisions of this code shall apply.→→

Pg. 23, section 1202.8 Add new section 1202.8.1: 1202.8.1 Fuel Sources. The use of natural gas as a prime mover for emergency generators, and legally required standby generators shall be prohibited for new installations, or for the replacement of existing generators.

[F] 1202.8 Emergency and standby power. Emergency and standby power system required by the *International Building Code* or *International Fire Code* shall be installed in accordance with the *International Building Code*, the *International Fire Code*, NFPA 110, NFPA 111 and this code.

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