**Clerks Note:** Effective date has been corrected to 2023.

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**COUNTY COUNCIL**  
**FOR MONTGOMERY COUNTY, MARYLAND**

By: Council President at the Request of the County Executive

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**AN ACT** to:

1. amend the jurisdiction of the County Board of Appeals;
2. conform County law to the Maryland Electricians Act of 2021;
3. establish and authorize the issuance of a low-voltage electrician’s license;
4. authorize third-party plan review for photovoltaic system permitting; and
5. generally amend the County electricity law.

By amending

Montgomery County Code  
Chapter 2, Administration  
Section 2-112

Chapter 17, Electricity  

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**Boldface**

Heading or defined term.

**Underlining**

Added to existing law by original bill.

**[Single boldface brackets]**

Deleted from existing law by original bill.

**Double underlining**

Added by amendment.

**[[Double boldface brackets]]**

Deleted from existing law or the bill by amendment.

* * *

Existing law unaffected by bill.

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The County Council for Montgomery County, Maryland approves the following Act:

2-112. Jurisdiction.

* * *

(c) The Board has the following appellate jurisdiction.

<table>
<thead>
<tr>
<th>The Board must hear and decide each appeal taken under:</th>
<th>Those appeals involve:</th>
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<tr>
<td>[[Section 17-28] 17-12]</td>
<td>[Electricians and electrical contractors licenses]</td>
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<td></td>
<td>[[County electricity code]]</td>
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ARTICLE I. GENERAL PROVISIONS.

17-1. Scope and applicability of chapter.

(a) Except as otherwise provided, the provisions of this [chapter shall] Chapter apply to all electrical equipment and the installation thereof for light, heat or power within or on public or private buildings, structures or premises, including yards, carnivals and parking lots and industrial substations, and all electrical equipment, and the installation thereof, used for power supply to radio and television transmitting and receiving
systems in or on such buildings, structures or premises, in the [county] County.

(b) The provisions of this [chapter shall] Chapter do not apply to any electrical work or equipment installed by or for any electric company, telegraph or telephone company, where such electrical work or equipment is owned and maintained by such company and is an integral part of the plant or service used by such company in rendering its service to the public.

(c) The provisions of this [chapter shall] Chapter do not apply to installations in mines, ships or railway cars or to vehicular equipment.

(d) The provisions of this [chapter shall] Chapter do not apply to installations or equipment employed by the United States government.

(e) A permit is not required for any minor repair, as defined in this Chapter.

17-2. Regulations.

(a) The [director] Director may recommend [written] regulations for the administration of [the provisions of] this [chapter] Chapter, including a schedule of fees, and may, at [his] the Director’s discretion, hold public hearings as part of this regulation-making process. Such regulations and amendments thereto [shall] must not conflict with nor waive any provisions of this [chapter] Chapter nor be less restrictive than its
provisions and [shall] must be adopted [by the county executive] under


(b) The [director shall] Director must hold a public [hearings] hearing, upon
adequate public notice, [with opportunity for full participation from
members of the board of electrical examiners and shall obtain the
recommendations of the board of electrical examiners prior to forwarding
his recommendations for] before proposing regulations setting forth the
standards and requirements for all installations of electrical equipment
within the [county] County. Such regulations [shall] must be based upon
a designated edition of the National Electrical Code and local
amendments thereto, including but not limited to those for the installation
of fire alarm systems. Such regulations and amendments [thereto shall]
must be adopted [by the county executive] under [method] Method (2) of
section 2A-15 of this Code.

17-3. Adoption of basic electrical code.

All electrical installations and equipment [shall] must meet the standards and
requirements set forth in [accordance with procedures established in] section 17-2 of
this [chapter] Chapter. The edition of the National Electrical Code and any local
amendments thereto, which are adopted in accordance with procedures established in
section 17-2 of this [chapter] Chapter, shall be] are known as the basic electrical code for the [county] County.

17-4. Administration and enforcement of chapter.

This Chapter is administered and enforced by the Department of Permitting Services.

17-5. Right of entry of departmental personnel.

The [director or his authorized representative] Director, upon exhibiting proper credentials or proof of identity on request, [shall have the right to] may enter any non-residential building, structure or premises, [except private residences,] without consent of the occupants, at any time during business or operating hours, and at such other times as may be necessary in an emergency that immediately endangers life, property or public safety, for the purpose of performing duties under this [chapter] Chapter or enforcing the provisions thereof. In the case of [multiple] multi-family dwellings, the [director or his authorized representatives shall have the right to] Director may enter without consent only those spaces to which the public is ordinarily admitted, such as hallways, basements and similar spaces; provided, however, [that such authorities] the Director may enter any private residence or dwelling for the purpose of enforcing this [chapter] Chapter with the consent of the occupant thereof, or without such consent [of] if [they shall] the Director first [obtain] obtains a search warrant in accordance
with prescribed legal procedures, or if there is a present emergency such as a fire, explosion or the like, or immediately following such emergency.

17-6. Unlawful maintenance of installations.

[In the case of any electrical installation for which] When a permit is required under this [chapter] Chapter, it [shall be] is unlawful for any person to maintain or allow to be maintained [such] an electrical installation without a permit [if it does not conform to the requirements hereof].

17-7. Notice of electrical requirements to purchasers of air conditioners and major appliances.

(a) It [shall be] is unlawful for any person in the business of selling air conditioners [and/or] or major appliances[, as defined herein,] to sell or offer these items for sale without attaching to each item or its sealed carton when sold in this manner so as to be readily observable by all purchasers, written notice of the electrical wiring requirements of each, all in conformity with standards of this electrical code.

(b) It [shall be] is unlawful for any person who engaged in such sales to fail to display at a prominent location on the premises of such sales the wiring requirement for such appliances as set forth in this chapter.

17-8. Penalty for violations of chapter; injunctive action.
[Any] A person has committed a Class A violation if the person violates [of] any provisions provision of this chapter Chapter or regulations any regulation promulgated hereunder shall be punished as a Class A violation as set forth in section 1-19 of chapter 1 of the County Code. Each day a violation continues to exist constitutes a separate offense.


In cases of emergency where any electrical equipment, whether installed before or after the enactment of this Chapter, is an immediate threat to the safety of persons or property, or where it may interfere with the fire protection service of any fire department in the County, the director shall have authority to disconnect the electrical equipment immediately and without notice to the owner thereof.

17-10. Fees.

[Prior to the issuance of any] Before the Department issues a permit or license as provided for in this Chapter, the applicant must pay to the County a fee in accordance with the schedule of fees established, and revised from time to time, by the County Executive, in an amount not to exceed the cost of administering and enforcing this Chapter.

As used in this Chapter, the following words and phrases have the following meanings:

[Apprentice electrician: A person at least sixteen (16) years of age who is employed by an electrical contractor to work under the supervision of a master and/or journeyman electrician and who has been issued an apprentice identification card by the Department.]

[Board: The term "board" shall mean the board of electrical examiners created by this Chapter.]

[Business license: The license granted by the County which authorizes the licensee to engage in business as an electrical contractor in the County.]

Department[: The] means the Department of Permitting Services.

Director[: The] means the Director of the Department of Permitting Services, or the Director’s designee.

[Electrical contractor: A person, firm, company, corporation or partnership principally engaged in the business of installing, repairing, maintaining, erecting and designing electrical wiring, equipment, apparatus and systems designed for using or conducting electrical current and coming within the purview of the electrical code, to whom a valid business license has been issued.]

Electrical equipment[: The term "electrical equipment" shall include] includes electrical conductors, raceways, wiring fittings, devices, appliances, fixtures,
apparatus, and any other equipment coming within the purview of the electrical code of the County.

*Electrical code*: The term "electrical code" shall include the electrical code of the County, which includes the designated edition of the National Electrical Code as adopted and amended [pursuant to] under this Chapter.

*Electrical services* means the definition given to “provide electrical services” by section 6-101 of the Business Occupations and Professions Article of the Annotated Code of Maryland, as amended. [[The term “electrical services” does not include low-voltage electrical services.]]

*Engaged in business*: A person, firm, company, corporation or partnership holding itself out to the public to furnish, install, repair or maintain under verbal or written contract, electrical equipment. One so engaged shall be considered an electrical contractor requiring a business license under this Chapter. Such a contractor, if licensed as a master electrician or master electrician limited, may perform such work himself or it may be performed by one or more of his employees under such supervision as may be required by the electrical code.]

*Install, repair or maintain*: The term "install, repair or maintain" shall include includes all installations, repairs or maintenance of any or all electrical equipment or circuits, or any parts thereof; including new work, alterations, renewals or extensions coming within the purview of this Chapter and the electrical code.
Inspector: The term "inspector" shall mean an authorized agent of the Department.

Journeyman electrician: A person licensed by Montgomery County as qualified to install, repair, maintain and erect electrical wiring, equipment, apparatus and systems, within the purview of the electrical code of the County, including but not limited to, electrical raceways, conductors, fixtures, signs, motors, switchgears and distribution systems, fixed electric heating systems or any other fixed or stationary electrical equipment or apparatus which conducts or consumes electricity, all such activity being performed while under the direction and supervision of a master electrician.

Licensee: The term "licensee" shall mean any person, firm, company, corporation or partnership to whom a license has been issued hereunder.

Low-voltage electrical services means the installation, repair or maintenance of electrical equipment, circuits, or systems, or any parts thereof, designed to operate at or below 50 volts. Low-voltage electrical systems include fire alarm systems, cable tv systems, telephone systems, audio/video systems, computer network wiring and all other systems operating at or below 50 volts.

Major appliance: means Laundry laundry or kitchen appliances which are permanently connected or occupy fifty (50) percent or more of the circuit.
[**Master electrician:** A person licensed by the County as qualified to install, repair, maintain and erect electrical wiring, equipment, apparatus and systems, within the purview of the electrical code of the County, including, but not limited to, electrical raceways, conductors, fixtures, signs, motors, switchgears and distribution systems, fixed electrical heating systems or any other fixed or stationary electrical equipment or apparatus which conducts or consumes electricity.]

[**Master electrician limited:** A person licensed by the County as qualified to install, repair and maintain a particular appliance, apparatus, device or fixture within the purview of the Montgomery County electrical code and limited to a branch circuit or feeder for elevators; gasoline pumps; automatic heating furnaces whose principal operation is derived from fuel oil, gas, steam, solar panels or coal; lighting fixtures; refrigeration and air conditioning equipment; illuminated signs and similar specialties; or limited to equipment for a plant, factor, apartment complex or any other public occupancy employing maintenance forces; fire alarm systems and electronic equipment; or major appliances; all employing the use of the electrical current or connections and such other classes designated in accordance with Section 17-22 of this Chapter.]

**Minor repair** means the repair of portable electrical equipment or lighting fixtures, the repair or replacement of receptacles, snap switches, or plugs with a rating
up to 20 amperes and 120 volts, or other minor repairs at existing outlets, or the repair
or replacement of motors with a rating 1/3 hp or less and 120 volts.

National Electrical Code]: The currently designed means the edition of the
National Electrical Code published by the National Fire Protection Association as [set
forth in regulations] adopted [by the County Executive and approved by the County
Council pursuant to provisions of] under this Chapter[, including appendices there
adopted by the National Fire Protection Association at annual meetings].


(a) (1) Any denial, revocation, or suspension of a low-voltage electrician
license may be appealed to the County Board of Appeals by the
applicant not later than ten (10) days after such notice is personally
served or received. Receipt by certified mail is presumed to be
complete on the third day after mailing.

(2) Any person aggrieved by the issuance, denial, renewal,
 amendment, suspension, or revocation of a permit, or the issuance
or revocation of a stop work order, under this Chapter may appeal
to the County Board of Appeals within 30 days after the permit is
issued, denied, renewed, amended, suspended, or revoked or the
stop work order is issued or revoked. A person may not appeal any
other order of the Department and may not appeal an amendment
of a permit if the amendment does not make a material change to the original permit. A person must not contest the validity of the original permit in an appeal of an amendment or a stop work order.

(b) After notice and hearing, the Board may affirm, remand, modify, or reverse the action of the Department.

(c) Any party may seek judicial review of a decision of the Board under Section 2-114.]]

[ARTICLE II. BOARD OF ELECTRICAL EXAMINERS.]

[Sec. 17-12. Created; composition.]

The County Executive must appoint, subject to confirmation by the Council, a Board of Electrical Examiners, composed of 5 voting members, who must be residents of the County.

(a) One member must hold a County master electrician’s license.

(b) Two members must be when appointed, or must have had previous experience as, an electrical contractor, electrical contractor limited, or must otherwise be technically qualified in electricity.

(c) One member must represent the general public.

(d) One member must be a professional engineer, licensed in Maryland and experienced in electrical engineering.
(e) The Executive may appoint a person who does not have any required professional qualifications under subsections (a), (b), or (d), but who is otherwise technically qualified to assess proficiency in electricity.

(f) The Director may designate one or more Department employees as ex officio, nonvoting members to promote coordination with the Department’s fire inspection and prevention and electrical inspection activities.

(g) The Executive must designate one member of the Board as chair. If the Executive does not designate a chair, the Board must elect its own chair. The Board must select a vice-chair and any other officer it finds necessary. The vice-chair must assume the duties of the chair when the chair is absent.

[Sec. 17-13. Appointment and terms of members.]

Members of the board are appointed by the county executive, subject to the confirmation of the council, for 3-year terms, except that any member appointed to fill a vacancy occurring before the expiration of a term is appointed for the remainder of that term.

[Sec. 17-14. Reserved.]

[Sec. 17-15. Staff.]
The county executive shall make available to the board such services and
facilities of the county as are necessary or appropriate for the proper performance of
its duties, and the county attorney shall serve as counsel to the board.]

[Sec. 17-16. Duties.

(a) The board shall advise the director on the issuance of licenses for
journeyman electricians, master electricians and master electricians
limited and shall ascertain by appropriate examination the qualifications
and capabilities of all persons who desire such licenses.

(b) In the case of examinations, the board shall have the authority to consult
or obtain the services of a recognized expert in the field to prepare said
examinations.

(c) The board shall advise the county executive on the adoption of proposed
rules and regulations to govern the placement, installation and operation
of electrical conductors, appliances, apparatus or construction upon or
about buildings and structures of all types throughout the county.]

[Sec. 17-17. Reciprocity.

The board of electrical examiners shall certify to the director any applicant as
qualified to be licensed, without examination by the board, if such applicant is
currently licensed in another jurisdiction, which jurisdiction has examinations and
qualification procedures which have been found by the board to be equivalent to those
required for licensing in the county and which grants similar reciprocity to Montgomery County licensees.]

ARTICLE [III] [II. LICENSES.


[(a)] The [licensing] requirements of this Article apply [only] to all electrical work covered by this Chapter, as specified in [[Section]] section 17-1. [Each licensee must perform all] All electrical work must be performed as required by this Chapter and the electrical code and regulations adopted under it.

[(b)] Any person who installs, repairs, or maintains electrical equipment, in a detached single-family residence which that person or a member of the person’s immediate family owns, for the person’s or immediate family’s use, [need not obtain] a required to hold an electrical license under this Article. Before any electrical work is performed under this subsection, the owner of the residence must apply to the Director for a permit if a permit is otherwise required by this Chapter.]

[(c)] Before issuing a permit under this subsection, the Director must require the person who will perform the work to show that he or she is qualified to perform the proposed electrical work in a capable manner so as not to endanger the life and property of occupants or neighbors, or property belonging to any public utility. If the Director finds that the designated
person is qualified to perform the proposed electrical work, the Director must issue a permit for that work, subject to compliance with all otherwise applicable requirements of this Chapter.]

[(d) A permit is not required for any minor repair, as defined in this Chapter.]


(a) [It shall be unlawful for any person, firm, company, corporation or partnership engaged in business as an electrical contractor to install, repair or maintain any electrical circuit, electrical equipment or electrical apparatus unless such person, firm, company, corporation or partnership shall have first been granted by County a business license, entitling the licensee to perform such work.] Except as provided in subsection (c), no person may engage in the business of providing electrical services for compensation in the County unless properly licensed by the State Board of Electricians.

[(b)] [All installations, repairs, maintenance or other work done under a business license issued pursuant to this Chapter shall be by, or under the ultimate supervision of, the master electrician or master electrician limited regularly and principally employed by said licensee and designated on such business license as responsible for the work performed thereunder whose active status, in accordance with Section 17-
25, has been certified by the Board. For the purpose of this Subsection, the words "regularly and principally employed" shall mean that the master electrician or the master electrician limited shall be available to supervise the installation whenever such work is being performed by any electrician under his supervision for whose work he is responsible and that he is not employed by more than 3 licensees at one time. Non-availability on the job for more than a two-hour period of any master electrician, or master electrician limited, to supervise the performance of any electrical work performed under the authority of an electrical permit issued to him shall be cause for the suspension or revocation of this license.] [[Except as provided in subsection (c), no person may provide low-voltage electrical services in the County unless properly licensed by the State Board of Electricians]] [[or the person holds a low-voltage electrical license issued by the Director]].

[[c][b] (b) Nothing herein shall limit an electrical contractor from having more than one master electrician or master electrician limited in his employ.] Any person who installs, repairs, or maintains branch circuits as defined in the National Electric Code, in a detached single-family residence which that person or a member of the person’s immediate family owns, for the person’s or immediate family’s use, is not required
to hold an electrical license, provided the electrical services are not performed for compensation. Before any electrical work is performed, the owner of the residence must apply to the Director for a permit if a permit is otherwise required by this Chapter.

[(d) An applicant for a business license shall furnish, on a form approved by the Director, complete identification of the business, including principals, partners or affiliated corporations; references; criminal violations or civil judgments entered or causes of action pending against the business; name and license number of the supervising master electrician or master electrician limited and such other information as may be required as to character references and financial responsibility.]

[(e) An applicant for a business license shall furnish a certificate from an insurance company qualified to do business in the State of Maryland of public liability insurance in the amount of three hundred thousand dollars ($300,000.00) coverage for death or personal injury of one (1) or more individuals, and three hundred thousand dollars ($300,000.00) coverage for property damage, which insurance shall provide coverage for work done under any permit issued hereunder by the County and shall include coverage for both premises operations and completed operations. Such liability insurance shall state that the coverage therein provided for shall
remain in full force and effect until thirty (30) days following the date written notice of cancellation or failure to renew is given by the insurance carrier or its authorized agent to the County, and any certificate of insurance furnished pursuant to this Section shall provide for such coverage.]

[(f) Subject to the provisions contained in Section 17-24, each license and renewal of same shall be in force and effect only as long as the insurance certificates that have been filed with the Board, in accordance with the provisions of this Section, shall remain in full force and effect. Every such license or renewal of same shall become void and of no effect should any such insurance contract become inoperative, ineffective or canceled, regardless of the regular date of expiration of said license.]

[(g) It shall be the joint and several responsibility of the contractor and the master electrician responsible for any electrical construction to cause at least one (1) licensed County master or journeyman electrician to be present on every job site at all times when any work is being performed. If there are one (1) or more persons on the job site performing electrical work, the contractor and/or the master electrician must provide at least one (1) licensed master or journeyman electrician on the job site for every three (3) or less unlicensed persons performing electrical work.]

[(a) There shall be three (3) classes of electricians’ licenses:

(1) Master electrician;

(2) Master electrician limited; and

(3) Journeyman electrician.]

[low-voltage electricians’ license.]]

[(b) Before the department shall Director may issue or renew an low-voltage electrician’s license, it shall the Director must require the applicant to:

(1) [Provide it] provide the Director with such current information as it the Director must require as to character references, experience, education and training in or related to the construction, maintenance, installation or repair of all types of low-voltage electrical equipment and apparatus, or in the case of an application for a limited license, such information as it relates to the particular type of installation applied for];

(2) [As determined by the Board, pass a written or oral examination conducted by the Board predicated upon the standards of the Montgomery County electrical code and rules and regulations]
adopted pursuant thereto] provide proof of eligibility for a low-voltage electrician license;

(3) provide a certificate from an insurance company qualified to do business in the State of Maryland of public liability insurance in the amount of three hundred thousand dollars ($300,000.00) coverage for death or personal injury of one (1) or more individuals, and three hundred thousand dollars ($300,000.00) coverage for property damage, which insurance must provide coverage for work done under any permit issued hereunder by the County and must include coverage for both premises operations and completed operations. Such liability insurance must state that the coverage therein provided will remain in full force and effect until thirty (30) days following the date written notice of cancellation or failure to renew is given by the insurance carrier or its authorized agent to the County, and any certificate of insurance furnished under this section must provide for such coverage; and

(4) [Pay] pay to the County, at the time of filing the application, a nonrefundable fee in the amount as set forth in regulation promulgated pursuant to this Chapter.]
[[c] If the Board requests, the Director must investigate the character, experience, training and education of an electrician’s license applicant and provide the results of the investigation to the Board.] Before a low-voltage electrician license is issued, the Director must obtain from reliable sources the applicant’s record of compliance with state and County laws and record of complaint actions with the Office of Consumer Protection and the State Attorney General’s Consumer Protection Division.]

[[d]] It shall be the duty of the Board to certify to the Director within sixty (60) days after the date of the applicant’s examination whether the applicant is qualified for the license applied for, on the basis of said examination and the information provided it by the Director.]

[[e] In the case of applications for renewals] [[When an applicant requests the renewal of an existing County low-voltage electrician’s license, [it shall be the duty of] the Director [to] must withhold issuance of such license upon a finding [by the Board] that [said] the licensee has committed acts which are in violation of the provisions of this Chapter[, as set forth in Section 17-28]. A license or renewal may be withheld if the applicant [or its predecessor] is found to have committed a deceptive or
unconscionable trade practice in violation of Chapter 11, Section 11-4, of
the Montgomery County Code, as amended.]

[(f) [(e) All application approvals or denials [of said applications shall] must
be personally served or mailed by certified mail to the address on the
application.]] [Any denial may be appealed to the County Board of
Appeals by the applicant not later than ten (10) days after such notice is
personally served or received.]

[(g) If an applicant for any license or examination has been employed by the
federal, state or local government in a military or nonmilitary capacity,
the applicant may submit to the Board of Electrical Examiners an
affidavit from the section chief or division chief to whom the applicant
was directly responsible, specifying:

(1) The section or division chief’s qualifications in the field of
electrical construction, and any licenses he may hold pertinent
thereto;

(2) The grade and title of the section or division chief, and the grade
and title of the applicant;

(3) The official job description of the applicant’s position(s);

(4) The time in this position(s); and
(5) A specific description of the type of work performed by the applicant and the time periods thereof.

The board of electrical examiners shall review the information supplied by the applicant as to training and experience and shall determine its credibility and may allow up to a maximum of four (4) years' experience toward the requirements set forth in this Chapter for the examination applied for. For the purposes of this section, a "sworn statement" shall mean any statement which the maker thereof certifies as being true to the best of his information, knowledge and belief, under the penalties of perjury.


[[a] Any person who desires to [install, repair, maintain or erect electrical equipment as a master electrician] perform low-voltage electrical services, as defined by the [chapter] Chapter, may at any time make application to the [director to be examined and the director shall] Director who must provide the applicant with the prescribed forms.]

[[b] An applicant for [examination for] a [master] low-voltage electrician license [shall] must:

(1) hold a Master Electrician license issued by the State Board of Electricians;]
(2) hold a current Master Electrician or Master Electrician Limited license issued by the Director; or

(3) have been regularly and principally employed or engaged in performing low-voltage electrical [construction, maintenance, installation and repair of all types of electrical equipment and apparatus, all coming within the purview of and subject to all provisions of] services, as defined by this [chapter] Chapter, for a period of not less than [eight (8)] four (4) years preceding the date of [his] the application, under the directions and supervision of a master electrician, and pass the current version of the International Code Council’s low-voltage electrician Exam G21 with a grade constituting at least seventy (70) percent of the total possible point credits in the examination.]] [The board may credit maximum of four (4) years of formal course study or training in electrical installation completed at a trade school or other educational institution which in the opinion of the board provided comparable experience and training otherwise attainable under the supervision of a master electrician or while employed by a government agency.]

[Sec. 17-22. Same-Master electrician limited.]
(a) Any person who desires to install, repair, maintain or erect electrical equipment as a master electrician limited, as defined in this chapter, may at any time make application to the director to be examined and the director shall provide the applicant with the prescribed forms.

(b) An applicant may be licensed hereunder for a particular type of electrical installation or may be licensed for all types or as many types of limited electrical installations as defined herein and for which he shall be found qualified by the board. He shall have been regularly and principally employed for four (4) years preceding application in the area of limitation, under the direction of a master electrician, or master electrician limited, where the limitation is in the same area as requested. The type of limited licenses shall be set forth in regulations adopted under method (3) of section 2A-15 of this Code by the county executive upon recommendation of the board. Particular license classifications shall include, without limiting, licenses for electrical connections and circuits to air conditioning, elevators, gasoline pumps, automatic heating furnaces whose principal operation is derived from fuel oil, gas, steam, solar panels, or coal, lighting, illuminated signs, and similar specialties, and electrical repair and maintenance work, in plants, factories, apartment complexes and any public occupancy employing maintenance forces, fire alarm systems and electronic equipment, or major appliances, all employing the use of electrical current or connections. The conditions of the license shall appear plainly on the license.
(c) Those persons who are employed by a plant, factory, apartment, condominium, office building or other facility employing maintenance personnel are encouraged to obtain a master electrician’s limited license for maintenance in order to be able to obtain permits for electrical maintenance work. In addition to the requirements in section 17-22(a) and (b), the owner or agent for the building or buildings must certify that the applicant is a full-time employee and is covered by liability insurance in the amount established by section 17-19(c).]

[Sec. 17-23. Same-Journeyman electrician.

(a) Any person who desires to install, repair, maintain or erect electrical equipment as a journeyman electrician, as defined by this chapter, may at any time make application to the director to be examined; and the director shall provide the applicant with the prescribed forms.

(b) An applicant for examination for a journeyman electrician license shall have been regularly and principally employed or engaged in electrical construction, maintenance, installation and repair of all types of electrical equipment and apparatus, all coming within the purview of and subject to all provisions of this chapter, for a period of not less than four (4) years preceding the date of his application, under the supervision of a master electrician.]

[Sec. 17-24. Examinations.
(a) The written and/or oral examination conducted by the board for either the master electricians’, master electricians’ limited, or journeyman electricians’ license shall be based upon standards of the county electrical code.

(b) In order to qualify as having passed said examination, the applicant shall receive a grade constituting at least seventy (70) percent of the total possible point credits in the examination.

(c) The use of any unauthorized material or other misbehavior by an applicant during his examination shall cause the immediate rejection of his application and bar him from reexamination for six (6) months.

(d) Examination periods shall be held at least six (6) times each year at intervals of not greater than two (2) months. Written notice of the date, hour and place of examination shall be mailed to each eligible applicant at least ten (10) days prior to the date of the examination.

(e) Any applicant who fails to pass any examination or re-examination may take a re-examination. The applicant must apply to the director for re-examination and pay a fee determined by Executive regulation.

(f) All written examinations and applicant records pertaining thereto shall be stored under secured conditions within the department and shall be available for inspection upon request made to the board by an applicant for a period of six (6) months after the date of the examination.]
[17-25] [[17-17. Term of [licenses] low-voltage electrician license; renewal.]]

[[a) [All licenses issued under this Chapter after the effective date of this legislation shall be] A low-voltage electrician license is valid for two (2) years from the date of issuance and may be renewed upon application to the Director. Applicants for licenses and renewals [thereof shall pay to the County a fee for a business license, master electrician’s license, master electrician’s limited license and journeyman electrician’s license] must pay a fee as provided for by regulations adopted under method (3) of Section 2A-15 of this Code by the County Executive.]]

[[b)] [No person, firm, company, corporation, partnership, owner, lessee or agent shall be denied the privilege of continuing a contracting business or maintenance or repair work in the event of death, illness or other physical disability of the master electrician or master electrician limited who qualified the person, firm, company, corporation or partnership for such license, for a period not exceeding one hundred twenty (120) days following the date of such death, illness or physical disability, provided said business, maintenance or repair work is conducted under such qualified supervision as the board deems adequate; and provided that all requirements concerning bonds and business insurance are first complied...
(c) A person, firm, company, corporation or partnership shall be allowed to continue a business or to perform maintenance and repair work for a period not exceeding ninety (90) days should the master electrician or master electrician limited who qualified the person, firm, company, corporation or partnership for such license terminate his services therefrom, provided such business, maintenance or repair work is conducted under such qualified supervision as the Board deems adequate and provided that both of the following requirements are met:

1. Insurance requirements are complied with;
2. The master electrician or master electrician limited who qualified the person, firm, company, corporation or partnership shall notify the Board in writing within five (5) days after terminating his services therewith; and the person, firm, company, corporation or partnership also shall notify the Board in writing within five (5) days after the master electrician or master electrician limited has terminated his services.]

(d) [No] [A license issued under this Chapter [shall] may not be assigned or transferred.]
[(e)] [[(e)]] [No] [(A license] [shall] must not be renewed [for any person, firm, company, corporation or partnership] until all of the requirements of this Chapter have been complied with.]]

[(f)] Subject to provisions in Section 17-28 of this Chapter, the Department may renew licenses under this Chapter to any applicant who at the effective date of this Chapter held an existing County electrical contractor’s license or electrical contractor’s limited license.]

[(g)] [(d)] Late renewals for [all classes of] a low-voltage electrical [licenses]

license must be accepted without late filing fee for 10 days after the expiration date. If the County receives an application for renewal within 6 months after a license expires, the license [must] may be renewed upon payment of a late filing fee [set by the Director of Permitting Services]. A renewal application received more than 6 months after an expiration date must not be accepted.]]


[(a)] All holders of licenses issued by the State Board of Electricians and under this [chapter] Chapter [shall] must display the license in a prominent place at their business location and upon demand [shall] must give the number of the license to any [inspector of the department] Inspector.
All holders of master electrician, master electrician limited and journeyman electrician licenses shall have identification cards issued by the department in their possession at all times while performing electrical work within the county and shall display same, upon request, to authorized department personnel.

[[If a low-voltage electrician license issued under this Chapter is lost, defaced or destroyed, a licensee in good standing may obtain a duplicate upon filing an application to the [director] Director and payment of the cost of replacement.]]

[Sec. 17-27. Apprentice identification card.]

(a) Any person who desires to be registered with the county as being engaged in a program of apprenticeship in connection with his employment with a licensed electrical contractor, as defined by this chapter, may at any time make application to the director on forms provided by the department.

(b) The department, upon payment of a nonrefundable fee as set forth in regulations promulgated pursuant to this chapter, shall issue to the applicant an apprentice identification card, renewable annually, and shall require that records be kept regarding the nature of the electrical work being performed by the apprentice electrician.]
[17-28] [[17-19. Revocation or suspension of low-voltage electrician licenses; appeals license.]]

[(a)] [[The director] Director may suspend, revoke or refuse to renew [any] a low-voltage electrician license if the holder has secured such license by misrepresentation; has failed to correct violations of any provisions of the electrical code and laws of the county or State of Maryland; failed to maintain the qualifications required by this subtitle; demonstrated a lack of competence inconsistent with retention of the license; engaged in fraudulent business activities or in misleadingly advertising products or services; has been found to have committed as deceptive or unconscionable trade practice in violation of chapter 11, section 11-4, of the Montgomery County Code, as amended; violated the provisions of this chapter requiring permits; committed an act of gross negligence or condoned such an act by an employee; or permitted any unlicensed or unauthorized person, firm, company, corporation or partnership to obtain a [certificate card or] permit or perform low-voltage electrical [work] services under the authority of [his] the holder’s license]; or if where applicable, the holder of a business license failed to notify any person employed by said licensee for more than one (1) week of his right to secure an apprentice identification card pursuant to provisions set forth in section 17-27; or if the holder of a master electrician or master electrician limited license has failed to be available to supervise electrical work in accordance with section 17-19(b) of this chapter. In the case of electricians’ licenses,
the director shall obtain the concurrence of the board before proceeding with such
actions. In the case of business licenses, the director shall consider the advice and
recommendations of the board, if any].

[(b) Before recommending the revocation or suspension of an existing
electrician’s license or the disapproval of any application to renew such license, the
board shall afford the licensee an opportunity for a hearing before the board to show
cause why the license should not be suspended or revoked or renewal denied. The
board shall give at least ten (10) days’ written notice to the licensee by certified mail
or personal service at the last address on file with the director and such notice shall
state the complaint and alleged violation.]

[(c) The board may require at any time that a master electrician, master
electrician limited or journeyman electrician be reexamined for good cause and if such
licensee fails to pass the reexamination, his license or licenses may be revoked. A
person whose electrician’s license has been revoked in this manner shall become
eligible after ninety (90) days has elapsed from the date of revocation to apply for a
new license. Such application shall be considered a new application and shall be
submitted pursuant to the provisions of this chapter.]

[(d) Any person, firm, company, corporation or partnership to whom a license
has been denied or whose license has been revoked or suspended or any such person,
firm, company, corporation or partnership who believes himself aggrieved by any
action of the board or director may appeal to the county board of appeals by filing a
notice of such appeal to the county board of appeals by filing a notice of such appeal
with the clerk of the appeals board within ten (10) days from the date of receipt of
notice of the action of the board or director. Notice of action of the board or director
shall be personally served or be mailed by certified mail to the last address on file with
the board.]

ARTICLE [IV] III. PERMITS.


(a) **Required.** Except as provided in section 17-1 of this [chapter] Chapter, no electrical equipment which is subject to the provisions of this [chapter] Chapter [shall] may be installed, repaired or maintained until a permit therefor has been issued by the [department] Department.

(b) **Application generally.** Except as provided in subsection (c), [All] all applications for permits [shall] must be in writing and in such form as may be prescribed by the [department] Department. All applications [shall] must be signed by a master electrician licensed by the State Board of Electricians [or [master] a low-voltage electrician [limited] licensed under this Chapter,] except those signed by homeowners [pursuant to] under section [17-18] 17-13(c) [and those signed by an officer of the company pursuant to section 17-25(b) and (c)]. Each application [shall]
must describe the work to be done and the location thereof and [shall] must be accompanied by such plans, specifications and schedules as [shall] may be necessary to determine whether the installation [will be in conformity] conforms with the provisions of this [chapter] Chapter and, if necessary, the provisions of [chapter] Chapter 8 of this Code.

(c) Application for installation of photovoltaic systems. The Director may accept reports and recommendations from qualified and approved photovoltaic system plan review service providers that have demonstrated that the photovoltaic system plans reviewed reliably conform to all requirements of this Chapter. Under this subsection, photovoltaic system includes or incorporates one or more of the following: photovoltaic panels, energy storage, or residential electric vehicle charging systems, and any of their related systems or components.

(d) Action on application. The Director must examine or cause to be examined each application, or report and recommendation, for an electrical permit or an amendment to a permit within a reasonable time after the application is filed. If the application or the plans do not conform to all requirements of this Chapter, the Director must reject the application in writing and specify the reasons for rejecting it. If the proposed work conforms to all requirements of this Chapter and all other
applicable laws and regulations, the Director must issue a permit for the
work as soon as practicable. Before issuing a permit, the person who will
perform the work must demonstrate that he or she is qualified to perform
the proposed electrical work in a capable manner so as not to endanger
the life and property of occupants or neighbors, or property belonging to
any public utility.

((e) ) Contents; conformity with permits; conditions; expiration upon non-
commencement of work, etc. Each permit must describe with
particularity the installation to be done thereunder, and no person may install any electrical equipment other than in accordance with the
permit. The permit is a license to proceed with the work and may not be
construed as authority to violate, cancel or set aside any of the provisions
of this Chapter. Each permittee must perform all electrical services [[and
low-voltage electrical services]] as required by this Chapter and the
electrical code and regulations adopted under it. The issuance of a permit
does not prevent the Department from thereafter requiring a correction of
errors in plans or in installation or of violations of this Chapter and all
other applicable laws or ordinances specifically referring thereto. The
issuance of any permit is expressly conditioned upon the applicant's
prompt compliance with all stop work orders issued by the Director.
permits [shall] expire and [be] are null and void unless the work authorized thereunder is commenced within [six (6) months] 180 days from the date of issuance or after commencement of work if more than 180 days pass between inspections; provided, that the [department] Department may upon good cause shown extend a permit one or more times [from] for a [periods] period not [exceeding] to exceed sixty (60) days.

[(d)](f) Repairs exempted. No permit shall be required to repair portable electrical equipment or lighting fixtures, or to repair or replace sockets, receptacles or snap switches, or to make other minor repairs at existing outlets, or to repair motors, or to replace motors with motors of the same nameplate rating.

[(e)](g) Supervision. It shall be unlawful for any licensee to allow the installation, repair or maintenance of any electrical equipment requiring a permit from the department unless under the immediate and personal supervision of either a licensed master or journeyman.


When necessary to make emergency repairs or replacements to electrical installations, or to make branch circuit extensions for switches, receptacles or the like, incidental to such emergency work, such work may be done without a permit;
provided, that the person doing the same [shall] must possess all licenses required
under Article III of this Chapter and first inform the [department] Department either
orally or in writing if the [department’s] Department’s office is open at the time of such
emergency giving [his] the person’s name and address and the address where the work
is to be done, the nature thereof and when it is to be started. Such person shall file an
application for a permit covering such emergency work on the first business day
following the performance thereof.


A temporary permit [shall be] is required in connection with electrical
equipment installed for a temporary use for a period not to exceed [six (6) months] 180
days. Such permit may be extended for an additional period of [six (6) months] 180
days by the [department] Department.

[[17-23]]17-18. Stop work order.

(a) In addition to the other provisions set forth in this Chapter, whenever the
Director determines that electrical services [[or low-voltage electrical
services]] are being prosecuted in violation of the provisions of this
Chapter, including those conditions upon which the permit has been
issued or in a manner which threatens the safety, health and welfare of
the public, the Director may order the work to be immediately stopped.
(b) The stop work order described herein must be in writing and served upon the owner of the property involved or the owner’s agent or to the person doing the work.

(c) It is unlawful for any person to continue or permit the continuance of work after having been served with a stop work order, except such work as the person is directed to perform to remove a violation or unsafe condition.


The Director may revoke a permit or approval issued under this Chapter in case of any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based or in case of any violation of the conditions upon which such permit was issued.

ARTICLE [V] IV. INSPECTIONS.


It is unlawful for the holder of a permit issued hereunder to fail to notify the Department within five (5) days of the completion of an installation regulated by this Chapter. The Department shall cause the installation to be inspected within forty-eight (48) hours of
such notice, exclusive of Saturdays, Sundays, and holidays, or as soon thereafter as practicable.


(a) When any part of an installation regulated by this [chapter] Chapter is to be hidden from view by the permanent placement of part of a building, the holder of the permit [shall] must notify the [department] Department and such installation [shall] must not be concealed until it has been inspected and approved by the [department] Department; provided, that on large installations where the concealment of electrical equipment proceeds continuously, the holder of the permit shall give the [department] Department notice thereof so that inspections may be made periodically during the progress of the work.

(b) The [department] Department [shall have the authority to] may remove or require the removal of any structure or materials that prevent proper inspection of any electrical equipment.

[Sec. 17-34.]


(a) No electric light or power company [shall] may supply electricity or power to any electrical equipment, for the installation of which a permit is required under this [chapter] Chapter, and no person shall connect any
such electrical equipment to a supply of electricity or power, except where authorized by the [department] Department.

(b) If after the inspection the [department] Department finds the installation to be in conformity with the provisions of this [chapter] Chapter, it [shall] must approve the installation and authorize the use of the installation and connection to the supply of electricity and power, and [shall] must give notification to the electric light or power company supplying the same. Such notification may be issued for an entire installation or part thereof.

(c) Authorization may be issued for temporary installations authorized [pursuant to] under section [17-30] [[17-21]] 17-16 of this [chapter] Chapter. Temporary installations may be canceled by the [director] Director at any time if the installation is not maintained as required by this [chapter] Chapter.


(a) If upon inspection any installation for which a permit is required under this [chapter] Chapter is found to be in violation of the provisions of this [chapter] Chapter, the [department] Department [shall] must notify the holder of the permit of the nature of such violation in writing and the same [shall] must be corrected within ten (10) days after such notice or such other period of time as may be specified by the [department] Department.
(b) If the Director finds that any electrical equipment installed before or after the enactment of this Chapter is dangerous to persons or property because defective or improperly used or installed, he shall notify the owner or lessee of the property in writing, setting forth the nature of such dangerous condition; and such person shall make such changes or repairs as are necessary to put such equipment in a safe condition within such period as may be specified by the Director.

(c) Upon failure of any person to comply with a notice issued pursuant to this section, the Director shall revoke any permit which has been issued for the installation of such equipment, shall not authorize the electrical light or power company to supply electricity, or shall revoke any such authorization which previously has been issued.

(d) If the equipment or installation is connected to a supply of electricity or power, the Director shall have the authority to disconnect the same and send notice to the electric light or power companies to discontinue its supply or electricity or power to such equipment or installation, and such supply of electricity or power shall be terminated within twenty-four (24) hours of the receipt of such
notice, without liability therefor on the part of such electric light or power company.

ARTICLE [VI] V. STANDARDS AND REQUIREMENTS FOR FIRE AND BURGLAR ALARM SYSTEMS.[*]


(a) It [shall be] is the duty of the owner, agent, lessee, occupant, or any other person entitled to the beneficial use, rental or control of any building which is required under this Code to have a fire alarm system to provide, install and maintain therein a fire alarm system with sufficient alarm bells, striking stations or automatic detectors, of such type and character as contained in regulations adopted by the [county executive] County Executive under [method] Method (2) of section [2-15] 2A-15 of this Code.

(b) All apparatus, materials, equipment and systems used in connection with an alarm system, except the wiring thereof, to be installed under the provisions of these regulations [shall] must be designed and of a type suitable for the voltage and current available and be specifically approved for the purpose by the [department] Department before installation. They [shall] must be tested and listed by the Underwriters’ Laboratories, Inc., for fire alarm services before submission to the [department] Department.
It shall be the duty of the owner, agent, lessee, occupant or any other person entitled to the beneficial use, rental or control of any building who desires a burglar alarm system to install and maintain such a system in accordance with provisions of the National Electrical Code as adopted by section 17-3 of this [chapter] Chapter.

ARTICLE [VII] VI. STANDARDS AND REQUIREMENTS FOR ELECTRICAL INSTALLATIONS.

(a) A person must not sell or install electrical equipment which does not contain the certification of an inspection authority approved by the Department.

(b) The standards and requirements of this [chapter] Chapter must be based upon the currently designated edition of the National Electrical Code and amendments thereto as specified in regulations adopted by the [county executive] County Executive under [method] Method (2) of section 2A-15 of this Code and are hereby declared to be minimum standards and requirements. Any electrical equipment or installation which is equal or superior to such standards and requirements must be deemed to be in compliance therewith.

(c) Except as otherwise provided in this [chapter] Chapter, conformity of installations of electrical equipment with such regulations adopted
pursuant to section 17-2(b) is prima facie evidence that such installations are reasonably safe to persons and property.

(d) A person must not occupy or offer to sell for occupancy any mobile home, prefabricated or modular dwelling, industrialized building, or similar structure as defined in the National Electrical Code, without having first obtained from the manufacturer a certification by the State of Maryland that the structure meets the standards contained in regulations adopted under sections 12-301 through 12-313 of the Public Safety Article of the Maryland Code.

(e) All electrical installations, including outlets, panel boxes, heat panels and fixtures subject to damage from flooding must be located, built, and floodproofed to eliminate or minimize flood damage.

Approved:

Gabriel Albornoz, President, County Council  11/04/2022

Approved:

Marc Elrich, County Executive  11/14/2022

This is a correct copy of Council action.

Approved:

Judy Rapp, Clerk of the Council  11/14/2022