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Division of Publications**

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Rule ID(s): 5905
File Date: 9/30/14
Effective Date: 12/29/14

Rulemaking Hearing Rule(s) Filing Form

Rulemaking Hearing Rules are rules filed after and as a result of a rulemaking hearing (Tenn. Code Ann. § 4-5-205).

Pursuant to Tenn. Code Ann. § 4-5-229, any new fee or fee increase promulgated by state agency rule shall take effect on July 1, following the expiration of the ninety (90) day period as provided in § 4-5-207. This section shall not apply to rules that implement new fees or fee increases that are promulgated as emergency rules pursuant to § 4-5-208(a) and to subsequent rules that make permanent such emergency rules, as amended during the rulemaking process. In addition, this section shall not apply to state agencies that did not, during the preceding two (2) fiscal years, collect fees in an amount sufficient to pay the cost of operating the board, commission or entity in accordance with § 4-29-121(b).

Agency/Board/Commission:	Tennessee Department of Commerce and Insurance
Division:	Division of Fire Prevention
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Revision Type (check all that apply):

- Amendment
 New
 Repeal

Rule(s) Revised (ALL chapters and rules contained in filing must be listed here. If needed, copy and paste additional tables to accommodate multiple chapters. Please enter only ONE Rule Number/Rule Title per row)

Chapter Number	Chapter Title
0780-02-01	Electrical Installations
Rule Number	Rule Title
0780-02-01-.03	Approval of Electrical Products
0780-02-01-.04	Inspections
0780-02-01-.21	Inspection Fees
0780-02-01-.22	Boat Docks and Marinas

(Place substance of rules and other info here. Statutory authority must be given for each rule change. For information on formatting rules go to <http://state.tn.us/sos/rules/1360/1360.htm>)

Amendment
Chapter 0780-02-01

Subparagraph (a) of Paragraph (1) of Rule 0780-02-01-.03 Approval of Electrical Products shall be amended by deleting the existing subparagraph in its entirety and substituting the following, so that, the new subparagraph shall read as follows:

(1)

(a) The Commissioner of Commerce and Insurance, or designee, will accept as satisfactory (when properly installed or used) materials, equipment, devices, or applicants which:

1. Display a label, symbol, or other identifying mark of one of the following independent testing laboratories:

American Gas Association Laboratories
8501 East Pleasant Valley Road
Cleveland, Ohio 44131

Applied Research Laboratories
5371 Northwest 161 Street
Miami, Florida 33014

Canadian Standards Association (CSA)
178 Rexdale Boulevard
Rexdale, Ontario, Canada M9W 1R3

Detroit Testing Laboratory, Inc.
8720 Northend Avenue
Oak Park, Michigan 48237
(Power-operated dispensing devices for petroleum products only)

ETL Testing Laboratories, Inc.
Industrial Park
Cortland, New York 13045

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, Massachusetts 02062

MET Electrical Testing Company, Inc.
916 West Patapsco Avenue
Baltimore, Maryland 21230

NSF International
789 N. Dixboro Road
Ann Arbor, Michigan 48113

QPS Evaluation Services Inc.
81 Kelfield Street, Unit 8,
Toronto, Ontario, M9W 5A3

SGS North America Inc.
620 Old Peachtree Road, Suite 100
Suwanee, GA 30024

TÜV Rheinland of North America, Inc.

12 Commerce Road
Newtown, CT 06470

TÜV SÜD America, Inc.
10 Centennial Drive
Peabody, Massachusetts 01960

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, Illinois 60062

or,

2. Are certified by another independent testing agency or laboratory to meet a standard which, in the Commissioner's, or designee's, judgment, provides an adequate level of safety by being:
 - (i) recognized nationally as an electrical product safety standard;
 - (ii) revised periodically to accommodate the latest developments in electrical products and installations; and
 - (iii) developed by the publisher in a manner which affords adequate opportunity for presentation and consideration of views of industry groups, experts, users, consumers, governmental authorities, and others having broad experience in the field involved.

Authority: T.C.A. §§ 68-102-113 and 68-102-143.

Paragraph (2) of Rule 0780-02-01-.03 Approval of Electrical Products shall be amended by deleting the existing paragraph in its entirety and substituting the following, so that, the new paragraph shall read as follows:

- (2) In lieu of evaluation by a testing agency or laboratory in accordance with paragraph (1)(a) above, the Commissioner of Commerce and Insurance, or designee, may consider other satisfactory evidence that a product meets safe and proper standards.

Authority: T.C.A. §§ 68-102-113 and 68-102-143.

Paragraph (1) of Rule 0780-02-01-.04 Inspections shall be amended by deleting the existing paragraph in its entirety and substituting the following, so that, the new paragraph shall read as follows:

- (1) Inspections of electrical installations will be conducted by deputy inspectors appointed under contract with the Commissioner of Commerce and Insurance pursuant to T.C.A. § 68-102-143. In circumstances where the need arises as determined by the Commissioner of Commerce and Insurance, or designee, supervisors of deputy inspectors are authorized to conduct inspections of electrical installations.
 - (a) Fees for such inspections for services, including all circuits connected thereto, based on total ascertainable ampere capacity, are specified in rule 0780-02-01-.21. If the total ampere capacity is not ascertainable, the inspector may negotiate the fee based on the estimated number of required inspections; however, any such fee shall be subject to review and approval by the Commissioner of Commerce and Insurance, or designee, prior to issuance of a permit.
 - (b) Fees charged for additional inspections including inspections necessitated by rejections and inspections for circuits not previously connected to the service, shall be based on the ascertainable ampere capacity of the service or ascertainable ampere capacity of the previously unconnected circuit, and shall not exceed the maximum amounts specified in rule 0780-02-01-.21.

- (c) Inspectors may not charge mileage in excess of the standard travel reimbursement rate, as determined by the Tennessee Department of Finance and Administration, per mile each way for any special trip(s) requested by a property owner or contractor. This mileage charge must be approved in advance by the Commissioner of Commerce and Insurance, or designee.

Authority: T.C.A. §§ 68-102-113 and 68-102-143.

Paragraph (6) of Rule 0780-02-01-.04 Inspections shall be amended by deleting the existing paragraph in its entirety and substituting the following, so that, the new paragraph shall read as follows:

- (6) Except as provided in rule 0780-02-01-.05(2) and for installers licensed in accordance with T.C.A. Title 69, Chapter 10, the inspector shall not issue a final certificate of approval on an installation performed by any person, firm, corporation or legal entity not duly licensed in accordance with T.C.A. Title 62, Chapter 6.

Authority: T.C.A. §§ 68-102-113 and 68-102-143.

Paragraph (10) of Rule 0780-02-01-.04 Inspections shall be amended by deleting the existing paragraph in its entirety and substituting the following, so that, the new paragraph shall read as follows:

- (10) The inspector shall not issue a final certificate of approval on an installation if a building permit has not been obtained, if required, plans have not been reviewed and approved by the Department of Commerce and Insurance, if required, or all inspections have not been performed pursuant to rule 0780-02-23-.07.

Authority: T.C.A. §§ 68-102-113 and 68-102-143.

Chapter 0780-02-01 is amended by adding new rule 0780-02-01-.21 Inspection Fees which shall read as follows:

0780-02-01-.21 Inspection Fees

The inspection fee for each inspection for services shall not exceed the following:

	Fee
Final Inspection	
0-200 ampere capacity	\$27.00
201-400 ampere capacity	\$40.00
401-600 ampere capacity	\$50.00
601-1000 ampere capacity	\$90.00
1,001 ampere capacity and above ("Nonstandard permit")	Fee is negotiable; however, any such fee shall be subject to review and approval by the commissioner, or designee.
Rough-in Inspection	
0-1,000 ampere capacity	\$27.00
1,001 ampere capacity and above	\$35.00
Re-inspection	
Based on rejection of 0-1,000 ampere capacity	\$27.00
Based on rejection of 1,001 ampere capacity and above	\$35.00
Inspection of a dwelling unit's heating and/or cooling system (e.g. HVAC)	\$27.00
Consultation Inspection (optional/available upon request)	\$50.00
Service Release Inspection (valid for 45 days)	Fee is based on ampere capacity of service.
Inspection of Boat Docks and Marinas	Fee is negotiable based upon the number of subpanels, panels and the ampere capacity of service; however, any such

fee shall be subject to review and approval by the commissioner, or designee.

Authority: T.C.A. §§ 68-102-113, 68-102-143(b)(2), 68-102-602 and 68-102-603.

Chapter 0780-02-01 is amended by adding Rule 0780-02-01-.22 Boat Docks and Marinas which shall read as follows:

0780-02-01-.22 Boat Docks and Marinas.

- (1) Safety inspections of boat docks and marinas shall include, but are not limited to, a review of all sources of electrical supply, including ship-to-shore power pedestals, submergible pumps, and sewage pump-out facilities, that could result in unsafe electrical current in the water for the purpose of ensuring compliance with the standards for maintenance of electrical wiring and equipment that were applicable to the marina at the time of installation.
- (2)
 - (a) In the event that a deficiency is found during a safety inspection, any subsequent inspection required for the inspection of repairs made to address such deficiency shall be conducted by a deputy electrical inspector commissioned under T.C.A. § 68-102-143, and in accordance with T.C.A. § 68-102-143 and Tenn. Comp. R. & Regs. 0780-02-01.
 - (b) The permit fee for inspection of boat docks and marinas are negotiable based upon the number of subpanels, panels and the ampere capacity of service; however, any such fee shall be subject to review and approval by the Commissioner of Commerce and Insurance, or designee.
- (3) Any main overcurrent protective device, installed or replaced on or after April 1, 2015, that feeds a marina shall have ground-fault protection not exceeding one hundred milliamperes (100 mA). Ground-fault protection not exceeding one hundred milliamperes (100 mA) of each individual branch or feeder circuit shall be permitted as a suitable alternative. Each marina operator may determine the devices that it will utilize to achieve the one hundred milliamperes (100 mA) limit that is required herein, including, but not limited to, the use of equipment leakage circuit interrupters or ground fault circuit interrupters.
- (4) Inspections shall be performed in accordance with the adopted electrical code edition effective at the time of installation. If the time of installation cannot be determined, the installation will be inspected in accordance with Article 555 in the edition of the National Electrical Code adopted in rule 0780-02-01-.02, unless otherwise authorized by the Commissioner of Commerce and Insurance, or designee.

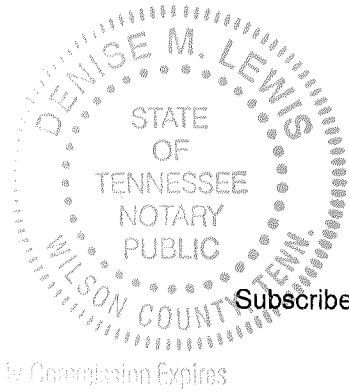
Authority: T.C.A. §§ 68-102-113, 68-102-143(b)(2), 68-102-602 and 68-102-603.

I certify that this is an accurate and complete copy of rulemaking hearing rules, lawfully promulgated and adopted by the Department of Commerce and Insurance on 09/02/2014, and is in compliance with the provisions of T.C.A. § 4-5-222.

I further certify the following:

Notice of Rulemaking Hearing filed with the Department of State on: 07/09/2014

Rulemaking Hearing(s) Conducted on: (add more dates). 09/02/2014



Date: 9-15-14

Signature: Julie Mix McPeak

Name of Officer: Julie Mix McPeak

Title of Officer: Commissioner of Commerce and Insurance

Subscribed and sworn to before me on: 9-15-14

Notary Public Signature: Denise M. Lewis

My commission expires on: 2-15-2016

All rulemaking hearing rules provided for herein have been examined by the Attorney General and Reporter of the State of Tennessee and are approved as to legality pursuant to the provisions of the Administrative Procedures Act, Tennessee Code Annotated, Title 4, Chapter 5.

Robert E. Cooper, Jr.
Robert E. Cooper, Jr.
Attorney General and Reporter
9-26-14
Date

Department of State Use Only

2014 SEP 30 AM 11:58
SECRETARY OF STATE

Filed with the Department of State on: 9/30/14

Effective on: 12/29/14
Tre Hargett

Tre Hargett
Secretary of State

Public Hearing Comments

One copy of a document containing responses to comments made at the public hearing must accompany the filing pursuant to T.C.A. § 4-5-222. Agencies shall include only their responses to public hearing comments, which can be summarized. No letters of inquiry from parties questioning the rule will be accepted. When no comments are received at the public hearing, the agency need only draft a memorandum stating such and include it with the Rulemaking Hearing Rule filing. Minutes of the meeting will not be accepted. Transcripts are not acceptable.

There were no comments (oral or written) received at the public rulemaking hearing.

Regulatory Flexibility Addendum

Pursuant to T.C.A. §§ 4-5-401 through 4-5-404, prior to initiating the rule making process as described in T.C.A. § 4-5-202(a)(3) and T.C.A. § 4-5-202(a), all agencies shall conduct a review of whether a proposed rule or rule affects small businesses.

1. Types and estimated number of small businesses directly affected:

Small businesses involved in electrical installations will be affected by the promulgation of these rules.

2. Projected reporting, recordkeeping, and other administrative costs:

There is no foreseeable alteration in existing reporting or recordkeeping utilized by small businesses that will result from the promulgation of these rules.

3. Probable effect on small businesses:

Small businesses involved in electrical installations and construction will be affected by the promulgation of these rules.

4. Less burdensome, intrusive, or costly alternative methods:

The proposed rules are not anticipated to impact small businesses more than the current rules provide. There has not been a less burdensome, intrusive or costly alternative method identified or recommended for use.

5. Comparison with federal and state counterparts:

There are no federal counterparts to the rule. The State Fire Marshal's Office has previously adopted rules (Chapter 0780-02-01) for Electrical Installations.

6. Effect of possible exemption of small businesses:

There are no possible exemptions for small businesses to the requirements contained in the proposed rules.

Impact on Local Governments

Pursuant to T.C.A. §§ 4-5-220 and 4-5-228 "any rule proposed to be promulgated shall state in a simple declarative sentence, without additional comments on the merits of the policy of the rules or regulation, whether the rule or regulation may have a projected impact on local governments." (See Public Chapter Number 1070 (<http://state.tn.us/sos/acts/106/pub/pc1070.pdf>) of the 2010 Session of the General Assembly)

The proposed rule will not impact local governments which operate electrical inspection programs in their respective jurisdictions.

Additional Information Required by Joint Government Operations Committee

All agencies, upon filing a rule, must also submit the following pursuant to T.C.A. § 4-5-226(i)(1).

- (A) A brief summary of the rule and a description of all relevant changes in previous regulations effectuated by such rule;

The rule establishes the Commissioner of Commerce and Insurance's authority to conduct electrical inspections of boat docks and marinas in Tennessee and enforce adopted codes of provisions established by Public Chapter 923 (2014) that became effective on May 16, 2014. The amended rules also adds inspection fees for boat docks and marinas to the permit fees for electrical inspections pursuant to Tenn. Code Ann. § 68-102-143(b)(2) and Public Chapter 150 (2013). The rules contain several minor amendments which correct citations to statute sections and rule numbers, as well as adding a new third party testing laboratory: SGS North America Inc.

- (B) A citation to and brief description of any federal law or regulation or any state law or regulation mandating promulgation of such rule or establishing guidelines relevant thereto;

This rule is promulgated pursuant to T.C.A. § 68-102-601 et seq. and Public Chapter 923 (2014) which authorizes the Commissioner of Commerce and Insurance to inspect electrical installations of boat docks and marinas, and T.C.A. §§ 68-102-113 and 68-102-143 and Public Chapter 150 (2013), which authorizes the Commissioner of Commerce and Insurance to set maximum inspection fees for electrical services.

- (C) Identification of persons, organizations, corporations or governmental entities most directly affected by this rule, and whether those persons, organizations, corporations or governmental entities urge adoption or rejection of this rule;

Public Chapter 923 (2014), codified in T.C.A. § 68-102-601 et seq., became effective on May 16, 2014, and requires electrical inspections of all marinas and boat docks in Tennessee. Marina and boat dock owners will be required to schedule safety inspections of their facilities as compelled by law. This rule will establish fees for the issuing of permits for electrical work conducted on boat docks and marinas with deficiencies. This rule will impact individuals purchasing a state electrical permit pursuant to T.C.A. § 68-102-143 and Tenn. R. & Regs. 0780-02-01. Inspection fees set by this rule are equivalent to the fees in effect prior to the enactment of Public Chapter 150 (2013), except for the fees for marinas and boat docks which have been added to reflect the changes imposed by Public Chapter 923 (2014). The previous electrical permit fee structure based on ampere capacity did not consider the uniqueness of boat docks and marinas; therefore, the fees for the inspections of boat docks and marinas based solely on ampere capacity would be inequitable and burdensome to the property owners as well as the deputy electrical inspectors, who are independent contractors performing inspections on behalf of the department of commerce and insurance. The establishment of a permit fee specifically for boat docks and marinas will ensure these facilities will be treated fairly and reasonably. Nevertheless, most individuals purchasing state electrical permits for inspections after the adoption of this rule will not be affected more significantly than they were affected by the previously established fee schedule.

- (D) Identification of any opinions of the attorney general and reporter or any judicial ruling that directly relates to the rule;

Not applicable.

- (E) An estimate of the probable increase or decrease in state and local government revenues and expenditures, if any, resulting from the promulgation of this rule, and assumptions and reasoning upon which the estimate is based. An agency shall not state that the fiscal impact is minimal if the fiscal impact is more than two percent (2%) of the agency's annual budget or five hundred thousand dollars (\$500,000), whichever is less;

A minimal increase or decrease in revenues and expenditures are not anticipated. The inspection fees in the rule reflect the fees established in T.C.A. § 68-102-143(b)(2) prior to the enactment of Public Chapter 150 (2013) except for the permit fee for the inspection of boat docks and marinas established pursuant to in T.C.A. § 68-102-601 et seq. and Public Chapter 923 (2014).

- (F) Identification of the appropriate agency representative or representatives, possessing substantial knowledge and understanding of the rule;

Joseph Underwood, Chief Counsel for Fire Prevention and Law Enforcement, Department of Commerce and Insurance, and Gary Farley, Director of the Contract Service Section, Division of Fire Prevention, Department of Commerce and Insurance.

- (G) Identification of the appropriate agency representative or representatives who will explain the rule at a scheduled meeting of the committees;

Joseph Underwood, Chief Counsel for Fire Prevention and Law Enforcement, Department of Commerce and Insurance, and Gary Farley, Director of the Contract Service Section, Division of Fire Prevention, Department of Commerce and Insurance.

- (H) Office address, telephone number, and email address of the agency representative or representatives who will explain the rule at a scheduled meeting of the committees; and

Joseph Underwood, 500 James Robertson Pkwy, Davy Crockett Tower, 8th Floor Nashville, TN 37243, (615) 741-3899 Joseph.Underwood@tn.gov; and Gary Farley, 500 James Robertson Pkwy, Davy Crockett Tower, 9th Floor Nashville, TN 37243, (615) 741-7170 Gary.Farley@tn.gov.

- (I) Any additional information relevant to the rule proposed for continuation that the committee requests.

Not applicable.

**RULES
OF
DEPARTMENT OF COMMERCE AND INSURANCE
DIVISION OF FIRE PREVENTION**

**CHAPTER 0780-02-01
ELECTRICAL INSTALLATIONS**

TABLE OF CONTENTS

0780-02-01-.01 Scope	0780-02-01-.12 Overcurrent Protection
0780-02-01-.02 Adoption by Reference	0780-02-01-.13 Work Space About Electrical Equipment
0780-02-01-.03 Approval of Electrical Products	0780-02-01-.14 Repealed
0780-02-01-.04 Inspections	0780-02-01-.15 Used Manufactured Homes
0780-02-01-.05 Permits	0780-02-01-.16 Repealed
0780-02-01-.06 Emergency Situations	0780-02-01-.17 Local Ordinances
0780-02-01-.07 Special Occupancies	0780-02-01-.18 Permit Issuing Agents
0780-02-01-.08 Meter Location	0780-02-01-.19 Repealed
0780-02-01-.09 Installations Served by Multiple Sources	0780-02-01-.20 Local Government Authorization To Perform Electrical Inspections
0780-02-01-.10 Service Entrance Conductors	<u>0780-02-01-.21 Inspection Fees</u>
0780-02-01-.11 Dwelling Units	<u>0780-02-01-.22 Boat Docks and Marinas</u>

0780-02-01-.03 APPROVAL OF ELECTRICAL PRODUCTS.

(1) Approved Testing Laboratories

(a) The Commissioner of Commerce and Insurance, or designee, will accept as satisfactory (when properly installed or used) materials, equipment, devices, or applicants which:

1. ~~Display~~ Bear a label, symbol, or other identifying mark of one of the following independent testing laboratories:

American Gas Association Laboratories
8501 East Pleasant Valley Road
Cleveland, Ohio 44131

Applied Research Laboratories
5371 Northwest 161 Street
Miami, Florida 33014

Canadian Standards Association (CSA)
178 Rexdale Boulevard
Rexdale, Ontario, Canada M9W 1R3

Detroit Testing Laboratory, Inc.
8720 Northend Avenue
Oak Park, Michigan 48237
(Power-operated dispensing devices for petroleum products only)

ETL Testing Laboratories, Inc.
Industrial Park
Cortland, New York 13045

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, Massachusetts 02062

MET Electrical Testing Company, Inc.
916 West Patapsco Avenue
Baltimore, Maryland 21230

NSF International
789 N. Dixboro Road
Ann Arbor, Michigan 48113

QPS Evaluation Services Inc.
81 Kelfield Street, Unit 8,
Toronto, Ontario, M9W 5A3

SGS North America Inc.
620 Old Peachtree Road, Suite 100
Suwanee, GA 30024

TÜV Rheinland of North America, Inc.
12 Commerce Road
Newtown, CT 06470

TÜV SÜD America, Inc.
10 Centennial Drive
Peabody, Massachusetts 01960

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, Illinois 60062

or,

2. Are certified by another independent testing agency or laboratory to meet a standard which, in the Commissioner's, or designee's, judgment, provides an adequate level of safety ~~and by being:~~
 - (i) ~~is nationally recognized~~ nationally as an electrical product safety standard;
 - (ii) ~~is periodically revised~~ periodically to accommodate the latest developments in electrical products and installations; and
 - (iii) ~~is developed by the publisher in a manner which affords adequate opportunity for presentation and consideration of views of industry groups, experts, users, consumers, governmental authorities, and others having broad experience in the field involved.~~
- (b) Any standard which is accepted by the American National Standards Institute (ANSI) shall be deemed to satisfy the requirements of part 2 of subparagraph (a) above.
- (c) Where there is no published standard for a product under consideration which meets the requirements of part 2 of subparagraph (a) above, the testing agency or laboratory must identify, and justify the adequacy of, the standard or specifications on which its certification is based.
- (d) Components of certified products must be evaluated for compliance with applicable safety standards, and determined to be suitable for use in such products.

- (2) In lieu of evaluation by a testing agency or laboratory in accordance with paragraph (1)(a) above, the Commissioner of Commerce and Insurance, or designee, ~~may~~ consider other satisfactory evidence that a product meets safe and proper standards.

Authority: T.C.A. §§ 68-102-113, 68-102-143, and 68-102-150.

0780-02-01-.04 INSPECTIONS.

- (1) Inspections of electrical installations will be conducted by deputy inspectors appointed under contract with the Commissioner of Commerce and Insurance pursuant to T.C.A. § 68-102-143. In circumstances where the need arises as determined by the Commissioner of Commerce and Insurance, or designee, supervisors of deputy inspectors are authorized to conduct inspections of electrical installations.

- (a) Fees for such inspections for services, including all circuits connected thereto, based on total ascertainable ampere capacity, are specified in rule 0780-02-01-.21 ~~T.C.A. § 68-102-143~~. If the total ampere capacity is not ascertainable, the inspector may negotiate the fee based on the estimated number of required inspections; however, any such fee shall be subject to review and approval by the Commissioner of Commerce and Insurance, or designee.
- (b) Fees charged for additional inspections including inspections necessitated by rejections and inspections for circuits not previously connected to the service, shall be based on the ascertainable ampere capacity of the service or ascertainable ampere capacity of the previously unconnected circuit, and shall not exceed the maximum amounts specified in rule 0780-02-01-.21 ~~T.C.A. § 68-102-143~~.
- (c) Inspectors may not charge mileage in excess of the standard travel reimbursement rate, as determined by the Tennessee Department of Finance and Administration, ~~for the State of Tennessee~~ per mile each way for any special trip(s) requested by a property owner or contractor. This mileage charge must be approved in advance by the Commissioner of Commerce and Insurance, or designee.

- (2) (a) Inspections are required on:
1. Complete new installations.
 2. HVAC equipment.
 3. New services or changes in services to existing installations.
 4. Additions to existing installations, such as swimming pools, water well pumps to the wellhead, motor installations, additional rooms or spaces to existing buildings, grain drying equipment and out buildings.
 5. Heat cable installations before being concealed by plaster, sheet rock, or other methods.
 6. Conduit or raceways in or under masonry before covering with concrete or other permanent materials.
 7. Conductors or raceways installed in all structures. This inspection is required prior to the concealing of such conductors or raceways by wall covering materials or by insulation.

8. Temporary services.

- (b) A minimum of two inspections shall be required on wiring installed within or on public and private buildings or other structures. The installer shall notify the electrical inspector in writing whenever any part of a wiring installation is to be hidden from view by insulation or the permanent placement of part of the building. No wiring or raceways shall be concealed until it has been inspected and approved by the inspector. A final inspection shall be requested upon completion of the entire electrical installation.
- (3) When the initial ("rough-in") inspection is conducted:
- (a) All applicable circuit conductors and outlet boxes must be installed;
- (b) All joints shall be made; and
- (c) All grounding connections must be in compliance with Section 300.10 of the 2008 National Electrical Code except as set forth in the exceptions enumerated in this subparagraph.
- Exception No. 1: Where that portion of an installation which constitutes service conductors and equipment is changed or modified.
- Exception No. 2: Where all wiring or raceway is exposed.
- Exception No. 3: The requirements of (a) above shall not apply where inspection is performed on raceway systems only.
- (4) The electrical or Mechanical Contractor is responsible for making sure the inspector has access to the job to be inspected.
- (5) The installer shall notify the inspector when the electrical installation is ready for inspection.
- (6) Except as provided in rule 0780-02-01-.05(2) and for installers licensed in accordance with ~~Tenn.-Code-Ann.~~ Title 69, Chapter 10, the inspector ~~shall~~will not issue a final certificate of approval on an installation performed by any person, firm, corporation or legal entity not duly licensed in accordance with ~~Tenn.-Code-Ann.~~ Title 62, Chapter 6.
- (7) It is not intended that electric service to an existing installation be disrupted pending inspection of additions or changes to such service; however, an inspection is required within seven (7) days of re-connection by the Power Supplier.
- (8) Whenever service equipment has been changed out or upgraded on any existing structures, a safety inspection will be conducted pursuant to Tenn. Code Ann. §.68-102-143(5).
- (9) Inspections are not required on:
- (a) Minor repair work, such as replacement of lamps or connection of portable devices to suitable receptacles which have been permanently installed.
- (b) Installation, alteration, or repair of electric wiring or equipment installed by an electrical distribution agency for use in the generation, transmission, distribution, or metering of electrical energy.
- (10) The inspector ~~shall~~will not issue a final certificate of approval on an installation ~~performed if a building permit has not been obtained, if required, or plans have not been reviewed and approved by the Department of Commerce and Insurance, if where required, or all inspections have not been performed pursuant to rule 0780-02-23-.07.~~

Authority: T.C.A. §§ 68-102-113, 68-102-143, and 68-102-150.

0780-02-01-.21 Inspection Fees

The inspection fee for each inspection for services shall not exceed the following:

	Fee
<u>Final Inspection</u>	
0-200 ampere capacity	\$27.00
201-400 ampere capacity	\$40.00
401-600 ampere capacity	\$50.00
601-1000 ampere capacity	\$90.00
1,001 ampere capacity and above (i.e. "Nonstandard permit")	Fee is negotiable; however, any such fee shall be subject to review and approval by the commissioner, or designee.
<u>Rough-in Inspection</u>	
0-1,000 ampere capacity	\$27.00
1,001 ampere capacity and above	\$35.00
<u>Re-inspection</u>	
Based on rejection of 0-1,000 ampere capacity	\$27.00
Based on rejection of 1,001 ampere capacity and above	\$35.00
Inspection of a dwelling unit's heating and/or cooling system (e.g. HVAC)	\$27.00
Consultation Inspection (optional/available upon request)	\$50.00
Service Release Inspection (valid for 45 days)	Fee is based on ampere capacity of service.
Inspection of Boat Docks and Marinas	Fee is negotiable based upon the number and size of subpanels and panels, and the ampere capacity of service; however, any such fee shall be subject to review and approval by the commissioner, or designee.

Authority: T.C.A. §§ 68-102-113, 68-102-143(b)(2), 68-102-602 and 68-102-603.

0780-02-01-22 Boat Docks and Marinas

(1) Safety inspections of boat docks and marinas shall include, but are not limited to, a review of all sources of electrical supply, including ship-to-shore power pedestals, submergible pumps, and sewage pump-out facilities, that could result in unsafe electrical current in the water for the purpose of ensuring compliance with the standards for maintenance of electrical wiring and equipment that were applicable to the marina at the time of installation.

(2) (a) In the event that a deficiency is found during a safety inspection, any subsequent inspection required for the inspection of repairs made to address such deficiency shall be conducted by a deputy electrical inspector commissioned under T.C.A. § 68-102-143, and in accordance with T.C.A. § 68-102-143 and Tenn. Comp. R. & Regs. 0780-02-01.

(b) The permit fee for inspection of boat docks and marinas is negotiable based upon the number of subpanels, panels and the ampere capacity of service; however, any such fee shall be subject to review and approval by the Commissioner of Commerce and Insurance, or designee.

(3) Any main overcurrent protective device, installed or replaced on or after April 1, 2015, that feeds a marina shall have ground-fault protection not exceeding one hundred milliamperes (100 mA). Ground-fault protection not exceeding one hundred milliamperes (100 mA) of each individual branch or feeder circuit shall be permitted as a suitable alternative. Each marina operator may determine which devices to use to achieve the one hundred milliamperes (100 mA) limit that is required herein, including, but not limited to, the use of equipment leakage circuit interrupters or ground fault circuit interrupters.

(4) Inspections shall be performed in accordance with the adopted electrical code edition effective at the time of installation. If the time of installation cannot be determined, the installation will be inspected in accordance with Article 555 in the edition of the National Electrical Code adopted in rule 0780-02-01-.02, unless otherwise authorized or approved by the Commissioner of Commerce and Insurance, or designee.

Authority: T.C.A. §§ 68-102-113, 68-102-143(b)(2), 68-102-602 and 68-102-603.