

 **09hr\_JCR-AR\_CRule\_09-028\_pt01**



(FORM UPDATED: 08/11/2010)

# WISCONSIN STATE LEGISLATURE ... PUBLIC HEARING - COMMITTEE RECORDS

## 2009-10

(session year)

## Joint

(Assembly, Senate or Joint)

## Committee for Review of Administrative Rules ...

### COMMITTEE NOTICES ...

- Committee Reports ... **CR**
- Executive Sessions ... **ES**
- Public Hearings ... **PH**

### INFORMATION COLLECTED BY COMMITTEE FOR AND AGAINST PROPOSAL

- Appointments ... **Appt** (w/Record of Comm. Proceedings)
- Clearinghouse Rules ... **CRule** (w/Record of Comm. Proceedings)
- Hearing Records ... bills and resolutions (w/Record of Comm. Proceedings)
  - (**ab** = Assembly Bill)                      (**ar** = Assembly Resolution)                      (**ajr** = Assembly Joint Resolution)
  - (**sb** = Senate Bill)                              (**sr** = Senate Resolution)                              (**sjr** = Senate Joint Resolution)
- Miscellaneous ... **Misc**

\* Contents organized for archiving by: Stefanie Rose (LRB) (June 2012)

March 10, 2010

Robert Marchant  
Senate Chief Clerk  
B20 Southeast, State Capitol  
P.O. Box 7882  
Madison, Wisconsin 53707-7882

Patrick Fuller  
Assembly Chief Clerk  
Room 401  
17 West Main Street  
Madison, Wisconsin 53703

Dear Chief Clerks:

**TRANSMITTAL IN FINAL DRAFT FORM OF ADMINISTRATIVE  
RULES AND REPORT**

CLEARINGHOUSE RULE NO.: 09-028

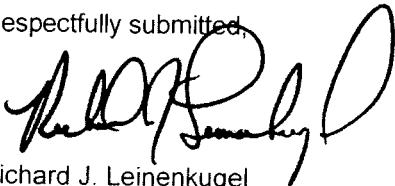
RULE NO.: Chapter Comm 5

RELATING TO: Licensing of Electricians

Pursuant to section 227.19, Stats., agencies are required to submit, in triplicate, copies of the proposed administrative rules in final draft form together with a rule report and an analysis. The recommendations received from the Legislative Council are also to be submitted.

At this time, this material, together with cover letters to the President of the Senate and the Speaker of the Assembly, is being transmitted for referral to the standing committees for legislative review.

Respectfully submitted,



Richard J. Leinenkugel  
Secretary

March 10, 2010

Senator Fred Risser  
President of the Senate  
Room 220 South, State Capitol  
Madison, Wisconsin 53702

Representative Mike Sheridan  
Speaker of the Assembly  
Room 211 West, State Capitol  
Madison, Wisconsin 53702

Dear Senator Risser and Representative Huebsch:

### NOTICE OF ADMINISTRATIVE RULES IN FINAL DRAFT FORM

CLEARINGHOUSE RULE NO.: 09-028

RULE NO.: Chapter Comm 5

RELATING TO: Licensing of Electricians

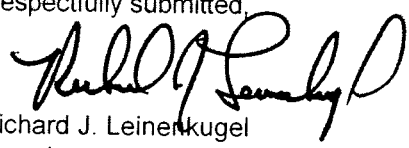
Section 227.19, Stats., requires agencies to submit proposed rules in final draft form to the presiding officer of each house for referral to the appropriate legislative standing committees.

The following information, as required by law, is being submitted to you.

1. Rules in final draft form (in triplicate).
2. Report consisting of:
  - a) Rule Report.
  - b) Public Hearing Attendance Record.
  - c) Public Hearing Comment and Agency Response Form.
  - d) Legislative Council Rules Clearinghouse Report.
  - e) Response to Legislative Council Rules Clearinghouse Report.
  - f) Fiscal Estimate.
  - g) Final Regulatory Flexibility Analysis.

If you have any questions regarding this matter, please do not hesitate to contact us.

Respectfully submitted,

  
Richard J. Leinenkugel  
Secretary

# RULE REPORT

## Department of Commerce

Clearinghouse Rule No.: 09-028

Rule No.: Chapter Comm 5

Relating to: Licensing of Electricians

*Contact person for substantive questions:*

*Contact person for internal processing:*

Name James Quast

Name James Quast

Title Program Manager

Title Program Manager

Telephone Number (608) 266-9292

Telephone Number (608) 266-9292

1. Basis and purpose of the proposed rule.

The proposed rules establish administrative procedures for licensing of electrical contractors and electricians as mandated by 2007 Wisconsin Act 63. The enactment of 2007 Wisconsin Act 63 requires persons performing electrical wiring any where in the state on and after April 1, 2013 to be licensed by the department.

2. How the proposed rule advances relevant statutory goals or purposes.

One of the department's statutory responsibilities under chapter 101, Stats., is to protect public health and safety relative to the built environment. The electrician licensing rules are to facilitate the safe electrical wiring installations.

3. Changes to the rule analysis or fiscal estimate that was prepared for public hearing.

No substantive changes were made to the rule analysis or fiscal estimate.

FISCAL ESTIMATE  
DOA-2048 (R06/99)

ORIGINAL  
 CORRECTED

UPDATED  
 SUPPLEMENTAL

LRB or Bill No./Adm. Rule No.

Chs. Comm 5

Amendment No. if Applicable

**Subject**

Licensing of Electricians

**Fiscal Effect**

**State:**  No State Fiscal Effect

Check columns below only if bill makes a direct appropriation or affects a sum sufficient appropriation

Increase Existing Appropriation  
 Decrease Existing Appropriation  
 Create New Appropriation  
 Increase Existing Revenues  
 Decrease Existing Revenues

Increase Costs - May be Possible to Absorb Within Agency's Budget  Yes  No

Decrease Costs

**Local:**  No local government costs

1.  Increase Costs  
 Permissive  Mandatory

3.  Increase Revenues  
 Permissive  Mandatory

5. Types of Local Governmental Units Affected:

Towns  Villages  Cities

2.  Decrease Costs  
 Permissive  Mandatory

4.  Decrease Revenues  
 Permissive  Mandatory

Counties  Others \_\_\_\_\_

School Districts  WTCS Districts

**Fund Sources Affected**

GPR  FED  PRO  PRS  SEG  SEG-S

Affected Ch. 20 Appropriations

**Assumptions Used in Arriving at Fiscal Estimate**

The proposed rules implement the licensing mandates imposed by 2007 Wisconsin Act 63 relating to electrical contractors and electricians. The department currently administers a program for the certification of electricians and electrical contractors who then use the certification to obtain a license in municipalities which require licensing. The provisions of Act 63 requiring state-wide licensure are effective April 1, 2013.

The department estimates that an additional 10,000 electricians and electrical will obtain license prior to April 1, 2013. The current 4-year license fees for an electrical contractor is \$200, a master electrician \$200, a journeyman electrician \$100 and a beginning electrician \$20. This will then result in additional annual revenues of \$458,500 with 2013 implementation.

The department anticipates that workload associated with this licensing can be absorbed within current resources and staff levels.

**Long-Range Fiscal Implications**

No long-range fiscal implications are anticipated.

Agency/Prepared by: (Name & Phone No.)  
Commerce/ James Quast, 266-9292

Authorized Signature/Telephone No.

*Harold* 6-8976

Date

2/12/09

**FISCAL ESTIMATE WORKSHEET**  
 Detailed Estimate of Annual Fiscal Effect  
 DOA-2047(R06/99)

ORIGINAL  
 CORRECTED

UPDATED  
 SUPPLEMENTAL

LRB or Bill No./Adm. Rule No.  
 Chs. Comm 5

Amendment No.

**Subject**

Licensing of Electricians

**I. One-time Costs or Revenue Impacts for State and/or Local Government (do not include in annualized fiscal effect):**  
 None

II. Annualized Costs:	Annualized Fiscal impact on State funds from:	
	Increased Costs	Decreased Costs
<b>A. State Costs By Category</b>		
State Operations - Salaries and Fringes	\$ 0	\$ -0
(FTE Position Changes)	( 0 FTE)	( - 0 FTE)
State Operations - Other Costs		-
Local Assistance		-
Aids to Individuals or Organizations		-
<b>TOTAL State Costs By Category</b>	<b>\$ 0</b>	<b>\$ -0</b>
<b>B. State Costs By Source of Funds</b>		
GPR	\$	\$ -
FED		-
PRO/PRS	0	-0
SEG/SEG-S		-
<b>III. State Revenues- Complete this only when proposal will increase or decrease state revenues (e.g., tax increase, decrease in license fee, etc.)</b>		
GPR Taxes	\$	\$ -
GPR Earned		-
FED		-
PRO/PRS	458,500	-0
SEG/SEG-S		-
<b>TOTAL State Revenues</b>	<b>\$ 0</b>	<b>\$ -0</b>

**NET ANNUALIZED FISCAL IMPACT**

STATE

LOCAL

NET CHANGE IN COSTS

\$ 458,500

\$ 0

NET CHANGE IN REVENUES

\$ 0

\$ 0

Agency/Prepared by: (Name & Phone No.)

Commerce/ James Quast, 266-9292

Authorized Signature/Telephone No.

*Jan Oh* 6-8976

Date

2-12-09

# FINAL REGULATORY FLEXIBILITY ANALYSIS

## Department of Commerce

CLEARINGHOUSE RULE NO.: 09-028

RULE NO.: Chapter Comm 5

RELATING TO: Licensing of Electricians

Final regulatory flexibility analysis not required. (Statement of determination required.)

Pursuant to s. 227.19 (3m), Stats., the department has determined that the proposed rules will not have a significant economic impact on a substantial number of small businesses beyond that imposed by 2007 Wisconsin Act 63 which requires state-wide electrician licensure by April 1, 2013.

1. Reason for including or failing to include the following methods for reducing impact of the rule on small businesses: Less stringent compliance or reporting requirements; less stringent schedules or deadlines for compliance or reporting requirements; simplification of compliance or reporting requirements; establishment of performance standards to replace design or operational standards; exemption from any or all requirements.
2. Issues raised by small businesses during hearings, changes in proposed rules as a result of comments by small businesses and reasons for rejecting any alternatives suggested by small businesses.

*(Continued on reverse side)*





DEPARTMENT OF COMMERCE  
PUBLIC HEARING ATTENDANCE RECORD

RULE NO.: Chapters Comm 5 and 16      DATE: April 29, 2009  
 RELATING TO: Electrician Licensing and Electrical Inspection      TIME: 10:00 a.m.  
 LOCATION: 201 W. Washington Avenue, Conference Room 3B      CITY: Madison

Name	Representation (Business, Assoc., Group, Self, etc.)	City and State	Appearing in Support	Appearing in Opposition	Appearing for Information
Darren Reeman	Custom Electronic Design & Installation Assoc	Indianapolis, IN			
Kevin Bennis	WI Ch. IAEI, ECWA E.I.	Menasha WI			
Joe Hemsick	City of Watertown	Watertown			
Dick Pokorny	City of Marshfield	Marshfield WI			
Ron Janikowst.	City of Waupun	Waupun WI			
JOHN MIELKE	ABC OF WI	MADISON			
Steve McQuaid	Tuesche Electric	Darlington, WI			
David Boetcher	IBEW	Waukegan WI			
Ferry ROEVERS	IBEW	Appleton WI			
Pat Stewens	WI. Dulles Assn	Madison WI			
LOYD O'LEARY	NECA	Madison, WI			
Shahri Brunner	NECA	Madison WI			
JOHN H. JOHNSON JR	IBEW	MILW. WIS.			
RONALD NATZKE	IBEW	WIRAPIDS WIS.			
JAMES COURCHANE	CEWA (Local 4603)	Mt. Pleasant, WI			

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
Speaker #1	David Boetcher International Brotherhood of Electrical Workers, Waunakee	<p>Supports the proposed rule-making work.</p> <p>Believes that certain areas of the rules could be improved to enhance safety and to better serve the public:</p> <ul style="list-style-type: none"> <li>• Contends the rules need to have a limit on how many beginning electricians may be supervised by one journeyman or master electrician. The draft does nothing to prevent the dangerous practice of a high number of untrained workers wiring without adequate supervision therein jeopardizing worker and public safety. Proper supervision is needed to ensure the project is compliant with the electrical code.</li> <li>• Recommends a ratio per project where the number of beginning electricians equals the aggregate number of number journeymen and master electricians, plus one more beginning electrician.</li> <li>• Recommends that the rules create a new electrician category (Industrial Electrician or Industrial Maintenance Electrician) allowing properly trained and educated maintenance electricians to install new circuitry in facilities where employed</li> <li>• Recommends that to facilitate the ability of a master electrician's ability to work in other states that the department license indicates that license is equal to some type of "advanced" journeyman license.</li> </ul>	<p>Support noted.</p> <p>The rules have been revised establishing a job-site ratio of non-apprentice beginning electricians to the number of master and journeymen electricians. In addition, under the proposed rules, untrained workers (beginning electricians) require direct supervision on the job site by at least one master or journeyman electrician. Every electrical wiring installation has to be under the responsibility of a master electrician. Worker safety, whether or not employees are licensed, falls typically under the jurisdiction of OSHA. From a liability perspective, the employer/contractor has a vested interest to accomplish code compliant installations. The implementation of a statewide inspection strategy for electrical wiring installation under the proposed rules of CR 09-029 is intended to strengthen the safety net for compliant installations.</p> <p>The rules have been revised establishing an industrial electrician category for a journeyman and apprentice.</p> <p>The license names reflect statutory provisions. The rules have been revised to allow the exchange of a master's license for a journeyman's license similar to that currently allowed for plumbing licenses. The department will continue to educate other states as to the scope and nature of Wisconsin electrical licenses.</p> <p>Such a requirement exists under the current rules of s. Comm 5.01 (3) and 101.02 (20), Stats.</p> <p>The suggestion has been incorporated into the draft.</p>
Speaker #2	John Mielke ABC of Wisconsin, Madison	<p>Suggests adding an application requirement for the electrical contractor to provide a social security number or federal employer identification number.</p> <p>Suggests adding a provision for the electrical contractor to provide their department identification on number bids and contracts.</p>	

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Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
	Mielke continued	<p>Suggests adding a provision requiring the electrical contractor to either be a licensed master electrician or employ one or more master electricians.</p> <p>Asks whether the elimination of the electrical contractor-restricted license after 2013 will necessitate the individual to comply with s. Comm 5.41.</p> <p>Contends that the limitation for residential electricians to wiring associated with dwellings and dwelling units should be defined to work that is described under s. Comm 20.02 (1) and multi-family dwellings.</p> <p>Indicates the word "residential" is missing under s. Comm 5.445 (1).</p> <p>Notes that earlier working drafts proposed beginning electricians obtain 24 hours of continuing education over 4 years and the public hearing draft now requires the 24 hours in just one year - while the master or journeyman electrician providing supervision over the beginning electrician is required only to obtain either 18 or 24 hours over 4 years - suggests that the continuing education for the beginning electrician be reduced to 8 hours for the one year term.</p>	<p>Unless exempted, statutory provisions require that all electrical installations need to be the responsibility of a master electrician.</p> <p>In 2013 all electrical contractors will be subject to the s. Comm 5.41</p> <p>The rules are intended to provide a broad scope of work to reflect the types of structures or uses that may be associated with a home, including swimming pools, attached or detached garages, and work sheds.</p> <p>The correction has been made.</p> <p>The department considers beginning electricians to be in a more intense learning phase as compared to journeyman or master electricians.</p>
Speaker #3	Ronald Natzke IBEW 1147 Wisconsin Rapids	<p>Asks that the rules create a new maintenance electrician category to recognize the trained and educated in-plant electricians who are currently performing various installation activities. Indicates that statutory exemption under s. 101.862 (4) (b) only allows work on existing wiring and not new wiring that these in-plant electricians have been trained and historically performed.</p> <p>Believes that some issues have been overlooked:</p> <ul style="list-style-type: none"> <li>• Advocates for establishment of penalties for violations similar to that under chapter 145, Stats.</li> <li>• Asks for a more definitive definition for "direct supervision" to mean an on-site person who is there for when the installation is occurring.</li> <li>• Asks for clarification regarding the scope of work for residential electricians and "dwelling unit".</li> <li>• Indicates that the city of Wauwatosa has a "maintenance" license for the maintenance and repairs but not for extensions.</li> </ul>	<p>The rules have been revised establishing an industrial electrician category for a journeyman and apprentice.</p>
Speaker #4	John Schwab Southeast Wisconsin Electrical Inspectors Association Wauwatosa	<ul style="list-style-type: none"> <li>• Believes that some issues have been overlooked:</li> <li>• Advocates for establishment of penalties for violations similar to that under chapter 145, Stats.</li> <li>• Asks for a more definitive definition for "direct supervision" to mean an on-site person who is there for when the installation is occurring.</li> <li>• Asks for clarification regarding the scope of work for residential electricians and "dwelling unit".</li> <li>• Indicates that the city of Wauwatosa has a "maintenance" license for the maintenance and repairs but not for extensions.</li> </ul>	<p>The administrative forfeitures authorize under ch. 145, Stats., are limited to plumbing licensing violations.</p> <p>Separate legislation would need to be enacted to enable the department to levy forfeitures or citations.</p> <p>The term "direct supervision" is currently defined under s. Comm 5.003 (14) and has been effectively applied for other licensing programs, plumbing, automatic fire sprinkler system installations and elevator installations.</p> <p>See response under Mielke.</p> <p>Under the statutory exemptions of s. 101.862 (4) (b), Stats., this work does not require a license in 2013.</p>

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
Speaker #5	Richard Pokorny City of Marshfield	<p>Concurs with previous speaker advocating for penalties.</p> <p>Suggests that a definition for "direct supervision" relates to on the premises. Believes that maintenance electricians would need to have supervision similar to that for construction wiring.</p> <p>Opposes the rules allowing a master electrician to serve more than one shop; contends that the previous statutes required a contractor to employ a full time master.</p> <p>Contends the rules need to have a ratio for how many beginning electricians may be supervised by one journeyman or master electrician. Notes Marshfield has a ratio of 4 beginners to one journeyman or master with 3<sup>rd</sup>-year apprentices not counting toward the ratio.</p> <p>Registered in favor of the proposed rules.</p>	<p>See response under Schwab.</p> <p>See response under Schwab. The rules have been revised establishing an industrial electrician category for a journeyman and apprentice and address supervision provisions.</p> <p>The previous statutory provisions did not limit a master electrician from serving more than one shop nor require full time employment. It is unclear what problem the suggestion addresses.</p> <p>See response under Boetcher.</p>
Written #1	Loyal O'Leary National Electrical Contractors Association Madison	<p>Advocates for a job-site limit on the number of beginning electricians that be supervised by a journeyman.</p> <p>Registered in favor of the proposed rules.</p>	<p>Support noted.</p> <p>See response under Boetcher.</p>
Written #2	Shari Brunner National Electrical Contractors Association Madison	<p>Registered in favor of the proposed rules.</p>	<p>Support noted.</p>
Written #3	Terry Roovers IBEW Appleton	<p>Registered in favor of the proposed rules.</p>	<p>Support noted.</p>
Written #4 (email)	Joseph Heimsch City of Watertown	<p>Believes that there is a need to address the issue of displacing maintenance (in plant) electricians.</p> <p>Indicates that the city has required a ratio of one journeyman or master for each apprentice or beginner to help ensure competent or skilled electricians on the job, otherwise believes that there can be just beginning electricians on a job.</p> <p>Raises the question if an electrical contractor must have at least one master electrician on staff and how may electrical contractors could one master electrician work for.</p>	<p>See response under Boetcher.</p> <p>See response under Pokorny.</p>

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
Written #5	Lee Fochs, Chairman Northwest Building Inspectors Association Chetek	<p>Indicates that the association endorses the proposed licensing rules and electrical inspection rules.</p> <p>Believes that there should be clarification as to how many journeymen may be supervised by a single master electrician and how many beginning electricians may be supervised by a single master or journeyman electrician. Also believes that allowing owners to do their own electrical work would seriously weaken the effect of the licensing requirements. It is recommended that electrical rules follow plumbing licensing requirements which require a homeowner to live in the home for a year before being allowed to do any work of their own.</p> <p>Feels that there should be more time given between the formulation of the new code and legislation action. Believes a second hearing should be held to allow association sufficient time to evaluate changes.</p>	<p>Support noted.</p> <p>See response under Boetcher.</p> <p>The exemption of homeowners to do electrical installations has been established by the statutes.</p> <p>The department believes that the comment period of May 15, 2009 provided sufficient time for evaluation and comment.</p>
Written #6 (email)	Pete Scheuerman	<p>Believes that the proposal for raising the bar for electrical installations in Commercial and Agricultural installations is an excellent idea.</p> <p>Believes that requiring permits for agricultural installations will pose the greatest challenge for compliance. Suggests communication to the affected parties may aid in mitigating resistance.</p> <p>Believes that the cost of the permits and the inspections may affect the degree of resistance.</p>	<p>See response under CR 09-029 relative to electrical inspections.</p> <p>See response under CR 09-029 relative to electrical inspections.</p> <p>See response under CR 09-029 relative to electrical inspections.</p>
Written #7 (email)	David Phillipps	<p>Suggests defining residential electrical contractors as those that work on one and two family dwellings and commercial electrical contractors working on 3-family and more. This would be consistent with the UDC and WCBC and in light of the differences between the two in the electrical codes.</p> <p>Suggests allowing a home owner to do electrical work on their own home should have the same limitations as in the Wisconsin Plumbing Code. Home owners would be limited to do electrical work on their own home only after it has been issued a CO for a new single family home or duplex unit that they own and occupy. A home owner should not be able to work on an individual dwelling unit of a multi-family building consisting of 3 units or more except for minor maintenance of such as light fixtures, switches, outlets, etc. The unit owner would have a very limited access to the wiring system of the building which may or could involve the wiring system of other units or the building itself.</p>	<p>The limitations on the scope and nature of electrical work relates to the individuals licensed to perform the installations and not the contractor business licenses.</p> <p>The exemption of homeowners to do electrical installations has been established by the statutes.</p>

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
	Phillipps continued	<p>Feels that some agricultural wiring should be allowed to be inspected by UDC inspectors. Farm uses that would be on a larger scale and have the potential for stray voltage should be done by commercial electricians and inspected by a commercial electrical inspector. A pole shed that is constructed by a home owner for storage and then would decideto have a 4-H horse in this shed would go from residential to commercial; requiring all farms to be inspected by a commercial electrical inspector will be a very cumbersome program for the State to enforce. These hobby farms change frequently when they are on a smaller scale. A farmer trying to obtain an electrical permit from someone other than the local Township might find will be an enforcement nightmare. Questions how many permits are obtained for large scale agricultural farms; contends that the Electricians don't even bother to even check on permits let alone inspections. The small hobby farms/sheds/equipment have more permits and inspections done on them than the large scale farming operations.</p> <p>Feels the licensing program work follow the State Plumbing Code and only allow an electrician with a master's license to be able to pull permits. Home owners would be able to pull permits as would be required in #2 above.</p> <p>From an inspectors viewpoint it would be easier to monitor.</p> <p>Feels using the State Plumbing Code as a basis for how many apprentices or journeymen a master can supervise or who can work unsupervised has worked out well and seems reasonable. Why reinvent the wheel on something that seems to be an excepted industry standard.</p> <p>Seeks clarification whether the proposed permits and inspections would be required for maintenance/alterations within existing facilities and whether in house electrical technicians would not be required to hold master licenses.</p>	<p>See response under CR 09-029 relative to electrical inspections.</p> <p>The plumbing code does not dictate who may or may not apply for plumbing permits. Such limitations are at the discretion of the municipality to establish by ordinance.</p> <p>See response under Boetcher.</p> <p>Inspections would be required if new or additional electrical services, feeders or circuits are part of the alterations. This type of work is required to be under the responsibility of a master electrician. The rules have been revised establishing an industrial electrician category for a journeyman and apprentice. Other maintenance work would not require a license under the statutory exemption of s. 101.862 (4) (b), Stats.</p> <p>Concern noted.</p>
Written #8	Don Turner, Wausau Paper Specialty Products Wausau	<p>Raises the question whether additional department staffing may be needed to process applications and conduct resolution management in a timely and effective manner.</p>	
Written #9	Kevin Benner East Central Wisconsin Association of Electrical Inspectors		

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
	Benner continued	<p>Suggests that when issuing the electrical contractor license the master electrician of record should be a full time employee and should not be the master of record for any other firm.</p> <p>Suggests that there should be a defined process to handle complaints and address the complaints within a timely manner; if the department cannot remedy the situation immediately then the process should be implemented through a review board or council.</p> <p>Suggests that the electrical contractor be required to hold a certificate of insurance to ensure the end-user that the contractor is truly qualified.</p> <p>Asks for clarification as to the scope of work for residential electricians noting that large multi-family dwelling projects may include parking garages, swimming pools, high-rise systems.</p> <p>Suggests there be a definition for "direct supervision" as it pertains to beginning electricians.</p> <p>Suggests the implementation of defined ratio such as one journeyman or master electrician for every two beginning electrician (apprentice).</p> <p>Contents that if a maintenance electrician license is created that inspections will be need to be done to follow-up and verify that the maintenance electricians are not conducting work beyond their license and the work is compliant.</p> <p>Believes that the term "premises" needs to be defined relative to s. 101.864 (2) (a), Stats., to address the potential concern that residential owners may pose a hazard to others if allowed to perform unlimited wiring.</p> <p>Suggests plagiarizing s. Comm 5.10 for enforcement of electrical licensing.</p> <p>Suggests the use of citations or discontinuance of electric service to address installation issues.</p> <p>Advocates for an online complaint process to address licensure problems.</p>	<p>The previous statutory provisions did not limit a master electrician from serving more than one shop nor require full time employment. It is unclear what problem the suggestion addresses.</p> <p>A compliant process currently exists and is available through the Safety and Buildings Division web site.</p> <p>It is unclear how the suggestion facilitates the installation of compliant electrical systems. See response under Mielke.</p> <p>The term "direct supervision" is currently defined under s. Comm 5.003 (14) and has been effectively applied for other licensing programs, plumbing, automatic fire sprinkler system installations and elevator installations. See response under Boetcher.</p> <p>See response under CR 09-029 relative to electrical inspections.</p> <p>The term defaults to the dictionary definition; without legislative direction, the department does not intend to create restrictive limitations beyond the law. The administrative forfeitures authorize under ch. 145, Stats., is limited to plumbing licensing violations. Separate legislation would need to be enacted to enable the department to levy forfeitures or citations. See response under CR 09-029 relative to electrical inspections. A compliant process currently exists and is available through the Safety and Buildings Division web site. Companies doing in house electrical wiring are exempted by the statutes from contractor licensure.</p>
Written #10	Guy Hendrickson Rhimelander	Asks for clarification whether private companies doing in house electrical wiring installations need to be licensed electrical contractors.	

**DRAFT - DEPARTMENT OF COMMERCE  
SUMMARY OF PUBLIC HEARING COMMENTS AND AGENCY RESPONSE**

Clearinghouse Rule Number: 09-028		Hearing Location: Madison	
Rule Number: Chapter Comm 5		Hearing Date: April 29, 2009	
Relating to: Licensing of Electrical Contractors and Electricians			
Comments: Oral or Exhibit No.	Presenter, Group Represented, City and State	Comments/Recommendations	Agency Response
	Hendrickson continued	<p>Believes the exemptions under s. 101.862 (4) (b) and (g), Stats., will be confusing as the scope of permitted activity; suggests all electricians be licensed.</p> <p>Contends that all registered beginning electricians should perform electrical work under direct supervision to facilitate proper training.</p> <p>Advocates the all apprenticeship programs such as their manufacturing electrical plant program be recognized under s. 101.87 (1) (a), Stats., as eligible to qualify for the journeyman electrician license.</p>	<p>The rules have been revised establishing an industrial electrician category for a journeyman and apprentice. Other maintenance work would not require a license under the statutory exemption of s. 101.862 (4) (b), Stats. The Wisconsin Department of Workforce Development apprenticeship standards will dictate the supervision requirements for beginning electrician-apprentices. The rules have been revised establishing an industrial electrician category for a journeyman and apprentice. The industrial journeyman electrician license can be obtained through completion of an apprenticeship program.</p>





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## WISCONSIN LEGISLATIVE COUNCIL RULES CLEARINGHOUSE

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**Ronald Sklansky**  
*Clearinghouse Director*

**Richard Sweet**  
*Clearinghouse Assistant Director*

**Terry C. Anderson**  
*Legislative Council Director*

**Laura D. Rose**  
*Legislative Council Deputy Director*

### CLEARINGHOUSE REPORT TO AGENCY

[THIS REPORT HAS BEEN PREPARED PURSUANT TO S. 227.15, STATS. THIS IS A REPORT ON A RULE AS ORIGINALLY PROPOSED BY THE AGENCY; THE REPORT MAY NOT REFLECT THE FINAL CONTENT OF THE RULE IN FINAL DRAFT FORM AS IT WILL BE SUBMITTED TO THE LEGISLATURE. THIS REPORT CONSTITUTES A REVIEW OF, BUT NOT APPROVAL OR DISAPPROVAL OF, THE SUBSTANTIVE CONTENT AND TECHNICAL ACCURACY OF THE RULE.]

#### CLEARINGHOUSE RULE 09-028

AN ORDER to repeal Comm 5.02 Table 5.02 line 23., Table 5.06 line 18., and 5.40; to renumber Comm 5.43 (5); to amend Comm 5.02 Table 5.02 and 5.06 Table 5.06; to repeal and recreate Comm 5.41, 5.42, and 5.45; and to create Comm 5.42 (1) Note, 5.43 (5) (b), 5.435, 5.445, and 5.63 (4) (b) 2. c, relating to the licensing of electrical contractors and electricians, and affecting small business.

Submitted by **DEPARTMENT OF COMMERCE**

03-31-2009 RECEIVED BY LEGISLATIVE COUNCIL.

04-27-2009 REPORT SENT TO AGENCY.

RNS:MM

**LEGISLATIVE COUNCIL RULES CLEARINGHOUSE REPORT**

This rule has been reviewed by the Rules Clearinghouse. Based on that review, comments are reported as noted below:

1. STATUTORY AUTHORITY [s. 227.15 (2) (a)]  
Comment Attached      YES       NO
2. FORM, STYLE AND PLACEMENT IN ADMINISTRATIVE CODE [s. 227.15 (2) (c)]  
Comment Attached      YES       NO
3. CONFLICT WITH OR DUPLICATION OF EXISTING RULES [s. 227.15 (2) (d)]  
Comment Attached      YES       NO
4. ADEQUACY OF REFERENCES TO RELATED STATUTES, RULES AND FORMS [s. 227.15 (2) (e)]  
Comment Attached      YES       NO
5. CLARITY, GRAMMAR, PUNCTUATION AND USE OF PLAIN LANGUAGE [s. 227.15 (2) (f)]  
Comment Attached      YES       NO
6. POTENTIAL CONFLICTS WITH, AND COMPARABILITY TO, RELATED FEDERAL REGULATIONS [s. 227.15 (2) (g)]  
Comment Attached      YES       NO
7. COMPLIANCE WITH PERMIT ACTION DEADLINE REQUIREMENTS [s. 227.15 (2) (h)]  
Comment Attached      YES       NO



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## WISCONSIN LEGISLATIVE COUNCIL RULES CLEARINGHOUSE

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### CLEARINGHOUSE RULE 09-028

#### Comments

**[NOTE: All citations to “Manual” in the comments below are to the Administrative Rules Procedures Manual, prepared by the Legislative Reference Bureau and the Legislative Council Staff, dated September 2008.]**

#### 1. Statutory Authority

Sections Comm 5.42 (2) (b) and 5.42 (3) (c) 1. and 2. appear to conflict with s. 101.862 (3), Stats., because they allow several types of electricians to perform certain electrical wiring activities under the supervision of a licensed journeyman electrician. The statute provides that no person who is not a master electrician may install, repair, or maintain electrical wiring unless a master electrician is at all times responsible for the person’s work.

#### 2. Form, Style and Placement in Administrative Code

a. Section Comm 5.41 (3) is titled “Qualifications for Licensure”, although the subsection does not appear to actually set forth any qualifications that must be met in order to be granted a license.

b. In s. Comm 5.41 (4) (a), “the” should be replaced with “only”.

c. Section Comm 5.41 (5) should be reworded to make clear that a person may *apply* for a renewal of his or her license. This comment also applies to ss. Comm 5.435 (6) (a) 1., 5.445 (6) (a) 1., and 5.45 (3) (a).

#### 4. Adequacy of References to Related Statutes, Rules and Forms

a. In the analysis of the rule, it is not necessary to include the notation “as affected by 2007 Wisconsin Act 63” when referring to the statutes interpreted because the amendments to

the statutes made by the 2007-08 Legislature have been incorporated into the current version of the statutes.

b. Section Comm 5.41 (2) (a) states that an applicant for an electrical contractor license must submit an application “in accordance with s. Comm 5.01”. That cross-reference does not appear to provide adequate explanation of the required elements of the application. For example, must the application contain evidence of attendance or completion of educational courses and, if so, what are the educational requirements? Could the cross-reference to s. Comm 5.01 be replaced with a listing of the precise requirements that must be met by an applicant for an electrical contractor license?

c. Notes should be added throughout the rule specifying where application forms for the various licenses and registrations may be obtained.

d. Should ss. Comm 5.435 (4) and 5.445 (5) (a) contain a cross-reference to the fees established in Table 5.02?

### **5. Clarity, Grammar, Punctuation and Use of Plain Language**

a. The analysis of the rule should contain a plain language analysis that contains sufficient detail to aid the reader in understanding the content of the rule and the changes made in existing rules. The one-sentence summary in item 5 of the analysis is insufficient. See s. 1.02 (2), Manual.

b. Section Comm 5.41 (2) (c) should provide more detail about the compliance statement that is required. For example, must the statement be issued by a state agency or may the application simply attest to his or her compliance with specified requirements?

c. Should s. Comm 5.43 (5) (b) be rewritten to clarify that all licensed master electricians must utilize only appropriately licensed individuals? As written, the rule implies that there is a subcategory of licensed master electricians (namely, those who are responsible for the installation, repair, or maintenance of electrical construction wiring) and only the licensed master electricians who are in that subcategory must utilize appropriately licensed individuals. This comment also applies to s. Comm 5.435 (5) (b).

d. Should s. Comm 5.435 (2) (b) explain what type of institution qualifies as a “school of electrical engineering”?

e. Section Comm 5.435 (4) should state that a person may apply for a license, rather than obtain one, upon notification of successful passage of an examination. This comment also applies to s. Comm 5.445 (5) (a).

# RESPONSE TO LEGISLATIVE COUNCIL CLEARINGHOUSE REPORT

## Department of Commerce

CLEARINGHOUSE RULE NO.: 09-028

RULE NO.: Chapter Comm 5

RELATING TO: Licensing of Electricians

Agency contact person for substantive questions.

Name: James Quast

Title: Program Manager

Telephone No. (608) 266-9292

Legislative Council report recommendations accepted in whole.

Yes

No

1. Review of statutory authority [s. 227.15(2)(a)]

a.  Accepted

b.  Accepted in part

c.  Rejected

d.  Comments attached

2. Review of rules for form, style and placement in administrative code [s. 227.15(2)(c)]

a.  Accepted

b.  Accepted in part

c.  Rejected

d.  Comments attached

*(Continued on reverse side)*

3. Review rules for conflict with or duplication of existing rules [s. 227.15(2)(d)]

- a.  Accepted
- b.  Accepted in part
- c.  Rejected
- d.  Comments attached

4. Review rules for adequate references to related statutes, rules and forms [s. 227.15(2)(e)]

- a.  Accepted
- b.  Accepted in part
- c.  Rejected
- d.  Comments attached

5. Review language of rules for clarity, grammar, punctuation and plainness [s. 227.15(2)(f)]

- a.  Accepted
- b.  Accepted in part
- c.  Rejected
- d.  Comments attached

6. Review rules for potential conflicts with, and comparability to, related federal regulations [s. 227.15(2)(g)]

- a.  Accepted
- b.  Accepted in part
- c.  Rejected
- d.  Comments attached

7. Review rules for permit action deadline [s. 227.15(2)(h)]

- a.  Accepted
- b.  Accepted in part
- c.  Rejected
- d.  Comments attached

## COMMENTS ON LEGISLATIVE COUNCIL CLEARINGHOUSE REPORT

Clearinghouse Rule No. 09-028  
Rule No.: Chapter Comm 5  
Relating to: Licensing of Electricians

### **1. Statutory Authority**

Sections Comm 5.42 (2) (b) and 5.42 (3) (c) 1. and 2. under the proposed rules deal with the issue of supervision relative to department's duties under s. 101.82 (1r), Stats., and pertains to job site supervision. The electrical wiring work of both beginning electricians and journeymen electricians still is the responsibility of a master electrician as required by s. 101.862 (3), Stats.

### **2. Form, Style and Placement in Administrative Code**

a. The electrical contractor license is issued to a business. Similar to other business credentials under chapter Comm 5, e.g. HVAC contractor, s. Comm 5.70, there are no other qualifications to obtain the license.

b. The department prefers the term "the" to be consistent with the wording throughout chapter Comm 5.

c. The procedures for a credential renewal are covered under s. Comm 5.07; the ability to "apply" for renewal is specifically mentioned under s. Comm 5.07 (2) (a).

### **4. Adequacy of References to Related Statutes, Rules and Forms**

b. The electrical contractor license is issued to a business. Similar to other business credentials under chapter Comm 5, e.g. HVAC contractor, s. Comm 5.70; there are no other qualifications such as the fulfillment of educational obligations to obtain the license.

c. Such a note currently exists under s. Comm 5.01 for all credentials.

d. Section Comm 5.09 (7) (c) references Table 5.02 which is consistent throughout chapter Comm 5.

### **5. Clarity, Grammar, Punctuation and Use of Plain Language**

c. There may be more than one master electrician involved in an electric wiring installation project, but only one of the master electrician is responsible for the work and the utilization of the appropriately licensed individuals performing the work.

e. The procedures for a credential renewal are covered under s. Comm 5.07; the ability to "apply" for renewal is specifically mentioned under s. Comm 5.07 (2) (a).



State of Wisconsin \ Department of Commerce

# **RULES IN FINAL DRAFT FORM**

**Rule No.:** Chapter Comm 5

**Relating to:** Licensing of Electricians

**Clearinghouse Rule No.:** 09-028



The Wisconsin Department of Commerce adopts an order to repeal Comm 5.02 Table 5.02 line 23., and Comm 5.06 Table 5.06 line 18.; to renumber and amend Comm 5.43 (5) and Comm 5.43 (6); to amend Comm 5.02 Table 5.02, and Comm 5.06 Table 5.06., Comm 5.43 (1) (intro.), (2) (a), (3) and (4), and Comm 5.44 (1) (intro.), (2) (intro.), (3) (a), (4), (5) (a), (b) (intro.) and 1., and (6); to repeal and recreate Comm 5.003 (17), Comm 5.40, Comm 5.41, and Comm 5.45; to create Comm 5.405, Comm 5.43 (5) (b), Comm 5.43 (6), Comm 5.435, Comm 5.443, Comm 5.447, Comm 5.46, and Comm 5.63 (4) (b) 2. c., relating to the licensing of electrical contractors and electricians, and affecting small business.

\*\*\*\*\*

### **Analysis of Rule**

#### **1. Statutes Interpreted**

Statutes Interpreted: ss. 101.82, 101.84 (3), 101.862 and 101.87, Stats.,

#### **2. Statutory Authority**

Statutes Interpreted: ss. 101.02 (1), and 101.82 and 101.84 (3), Stats.,

#### **3. Related Statute or Rule**

None

#### **4. Explanation of Agency Authority**

Currently, municipalities determine on an individual basis whether the persons undertaking electrical wiring need to be certified. The department certifies electricians on a voluntary basis to facilitate fulfillment of municipal certification requirements. The enactment of 2007 Wisconsin Act 63 will require persons performing electrical wiring any where in the state on and after April 1, 2013 to be licensed by the department. Local municipal licensing requirements and programs for electricians will also end on April 1, 2013.

#### **5. Summary of Proposed Rules**

The proposed rules establish administrative procedures for licensing of electrical contractors and electricians as mandated by 2007 Wisconsin Act 63. The rules establish two new specialty categories for electricians, industrial and residential. The scope of work for industrial electricians will be limited to the facilities and properties of their employers. The scope of work for residential electricians will be limited to that associated with dwellings, dwelling units and detached accessory buildings and structures serving the dwellings or the dwelling units, such as garages, carports, gazebos and swimming pools.

## **6. Summary of, and Comparison with, Existing or Proposed Federal Regulations**

An internet search on U.S. federal regulations and U.S. federal register yielded no results regarding the licensing of electrical contractors and electricians.

## **7. Comparison with Rules in Adjacent States**

**Illinois:** Illinois does not license or certify electricians or electrical contractors at the state level. Electrical licensing and certification is at the discretion of the local municipality.

**Iowa:** As of January 1, 2008 Iowa requires electrical contractors and electricians to be state licensed. License types for electricians includes master, journeyman, apprentice, unclassified and special. A special electrician licenses carries one or more of the following endorsements: irrigation system wiring, disconnecting and reconnecting existing air conditioning and refrigeration systems, sign installation, and residential.

**Michigan:** Michigan law requires the licensing of electrical contractors and electricians to install any electric wiring, devices, appliances, or appurtenances for the generation, distribution and utilization of electrical energy within or on any building, structure or property. Michigan also provides a number of licensing exemptions similar to that addressed under s. 101.862 (4), Stats.

**Minnesota:** Minnesota law dictates that electrical work be performed by state licensed electrical contractors and electricians or under the direct supervision of licensed electricians. The contractor's license is a business type credential and not a personal license allowing the individual to perform electrical work or supervision. The state's licensure process includes an examination.

## **8. Summary of Factual Data and Analytical Methodologies**

The proposed rules were developed by reviewing the provisions under 2007 Wisconsin Act 63, in conjunction with the current electrical certification rules under ch. Comm 5. The rules were developed with input from the Comm 16 Electric Code Advisory Council.

## **9. Analysis and Supporting Documents used to Determine Effect on Small Business or in Preparation of Economic Impact Report**

The proposed rules implement the mandates imposed by 2007 Wisconsin Act 63. The department does not believe that the proposed rules will increase the effect on small businesses over that imposed by the Act.

An economic impact report has not been required pursuant to s. 227.137, Stats.

## **10. Agency Contact.**

James Quast, Program Manager, [jim.quast@wisconsin.gov](mailto:jim.quast@wisconsin.gov), (608) 266-9292

**11. Public Hearing Comments.**

The hearing record on this proposed rulemaking will remain open until May 15, 2009. Written comments on the proposed may be submitted to James Quast, at the Department of Commerce, P.O. Box 2689, Madison, WI 53701-2689, or Email at [jim.quast@wisconsin.gov](mailto:jim.quast@wisconsin.gov).

\*\*\*\*\*

SECTION 1. Comm 5.003 (17) is repealed and recreated to read:

**Comm 5.003 (17)** “Electrical wiring” has the meaning given in s. 101.80 (1m), Stats.

**Note:** Under s. 101.80 (1m), Stats., “electrical wiring” means all equipment, wiring, material, fittings, devices, appliances, fixtures, and apparatus used for the production, modification, regulation, control, distribution, utilization, or safeguarding of electrical energy for mechanical, chemical, cosmetic, heating, lighting, or similar purposes, as specified under the state electrical wiring code. “Electrical wiring” does not include the equipment, wiring, material, fittings, devices, appliances, fixtures, and apparatus used by a public utility, an electric cooperative, or a wholesale merchant operator for the purpose of generating, transmitting, distributing, or controlling heat, light, power, or natural gas to its customers or members.

SECTION 2. Comm 5.02 Table 5.02 is amended to read:

**Table 5.02  
Partial Table  
FEES**

	License, Certification or Registration Category	Type	Application Fee	Examination Fee	License, Certification or Registration Fee
	<b>Subchapter IV</b>				
22.	Electrical Contractor	Certification License	\$35	NA	\$200
23.	Electrical Contractor-Restricted	Certification	\$35	NA	\$200
24.	Master Electrician	Certification License	\$35	\$30	\$200
24m.	Residential Master Electrician	License	\$35	\$30	\$200
25.	Journeyman Electrician	Certification License	\$35	\$30	\$100
25g.	Industrial Journeyman Electrician	License	\$35	\$30	\$100
25r.	Residential Journeyman Electrician	License	\$35	\$30	\$100
26.	Beginning Electrician	Certification Registration	\$35 15	NA	\$80 20
26e.	Electrical Apprentice	Registration	\$15	NA	\$15
26m.	Industrial Electrical Apprentice	Registration	\$15	NA	\$15
26s.	Residential Electrical Apprentice	Registration	\$15	NA	\$15

SECTION 3. Comm 5.02 Table 5.02 line 23. is repealed.

SECTION 4. Comm 5.06 Table 5.06 is amended to read:

**Table 5.06  
Partial Table  
TERMS**

	License, Certification or Registration Category	Term	Expiration Date	Continuing Education Cycle
	<b>Subchapter IV</b>			
17.	Electrical Contractor	4 years	June 30	NA
18.	Electrical Contractor-Restricted	4 years	June 30	NA
19.	Master Electrician	4 years	June 30	March 30
19m.	<u>Residential Master Electrician</u>	4 years	June 30	<u>March 30</u>
20.	Journeyman Electrician	4 years	June 30	March 30
20g.	<u>Industrial Journeyman Electrician</u>	4 years	June 30	<u>March 30</u>
20r.	<u>Residential Journeyman Electrician</u>	4 years	June 30	<u>March 30</u>
21.	Beginning Electrician	4 years	June 30	3 Months Prior to
		1 year	<u>Date of Issuance</u>	<u>Date of Expiration</u>
21e.	Electrical Apprentice	1 year	<u>Date of Issuance</u>	NA
21m.	<u>Industrial Electrical Apprentice</u>	1 year	<u>Date of Issuance</u>	NA
21s.	<u>Residential Electrical Apprentice</u>	1 year	<u>Date of Issuance</u>	NA

SECTION 5. Comm 5.06 Table 5.06 line 18. is repealed.

SECTION 6. Comm 5.40 is repealed and recreated to read:

**Comm 5.40 Electricians. (1)** Except as provided under s. 101.862 (4), Stats., no person as of April 1, 2013 may install, repair or maintain electrical wiring unless the person holds a license or registration issued by the department as one of the following:

- (a) A licensed master electrician.
- (b) A licensed residential master electrician.
- (c) A licensed journeyman electrician.
- (d) A licensed industrial journeyman electrician.
- (e) A licensed residential journeyman electrician.
- (f) A registered beginning electrician.
- (g) A registered electrical apprentice.
- (h) A registered industrial electrical apprentice.
- (i) A registered residential electrical apprentice.

**(2)** (a) Except as provided in par. (b), the electrical wiring activities that may be undertaken by a person who holds a license or registration as a licensed residential master electrician, a licensed

residential journeyman electrician or a registered residential electrical apprentice shall be limited to wiring associated with dwellings, dwelling units and detached accessory buildings and structures serving the dwellings or the dwelling units, such as garages, carports, gazebos and swimming pools.

(b) A person who holds a license or registration as a licensed residential master electrician, a licensed residential journeyman electrician or a registered residential electrical apprentice may perform electrical wiring not associated with dwellings and dwelling units, provided the person is under the direct supervision of a licensed master electrician or a licensed journeyman electrician.

(3) (a) The electrical wiring activities that may be undertaken by a person who holds a license or registration as a licensed industrial journeyman electrician or a registered industrial electrical apprentice shall be limited to wiring within the facilities or properties of the business establishment where the person is employed.

(b) A person who holds a license or registration as a licensed industrial journeyman electrician or a registered industrial electrical apprentice may perform electrical wiring not associated with the facilities or properties of the business establishment where the person is employed, provided the person is under the direct supervision of a licensed master electrician or a licensed journeyman electrician.

(4) (a) 1. A person who holds a license as a licensed journeyman electrician or a registration as a registered electrical apprentice shall perform electrical wiring activities under the general supervision of a person who holds a license as a licensed master electrician, except as provided in subd. 2.

2. A person who holds a license as a licensed journeyman electrician or a registration as a registered electrical apprentice may perform electrical wiring activities under the general supervision of a person who holds a license as a licensed residential master electrician provided the wiring is associated with dwellings, dwelling units and detached accessory buildings and structures serving the dwellings or the dwelling units, such as garages, carports, gazebos and swimming pools.

(b) A person who holds a license as a licensed industrial journeyman electrician or a registration as a registered industrial electrical apprentice shall perform electrical wiring within the facilities or properties of the business establishment where the person is employed under the general supervision of a person who holds a license as a licensed master electrician.

(c) A person who holds a license as a licensed residential journeyman electrician or a registration as a registered residential electrical apprentice shall perform electrical wiring activities associated with dwellings and dwelling units under the general supervision of a person who holds a license either as a licensed master electrician or a licensed residential master electrician.

(d) 1. Except as provided in subd. 2., a person who holds a registration as a registered beginning electrician shall perform electrical wiring activities under the direct supervision of a person who holds a license either as a licensed master electrician or a licensed journeyman electrician.

2. A person who holds a registration as a registered beginning electrician may perform electrical wiring activities under the direct supervision of a person who holds a license as a licensed residential master electrician or licensed residential journeyman electrician provided the wiring is associated with dwellings, dwelling units and detached accessory buildings and structures serving the dwellings or the dwelling units, such as garages, carports, gazebos and swimming pools.

3. A person who holds a registration as a registered beginning electrician may perform electrical wiring activities under the direct supervision of a person who holds a license as a licensed industrial journeyman electrician provided the wiring is within the facilities or properties of the business establishment where the industrial journeyman electrician is employed.

(5) At any time, for any electrical wiring project the total number of registered beginning electricians at an installation site may not exceed twice the total number of licensed master electricians and journeyman electricians at the installation site plus two.

SECTION 7. Comm 5.405 is created to read:

**Comm 5.405 Terminology.** For the purposes of this subchapter, electrical contractor certifications and master and journeyman electrician certifications issued prior to April 1, 2013 shall be considered to be licenses.

**Note:** 2007 Wisconsin Act 63 changed the nomenclature from electrical certifications to electrical licenses.

SECTION 8. Comm 5.41 is repealed and recreated to read:

**Comm 5.41 Electrical contractors. (1) GENERAL.** (a) Pursuant to s. 101.862, Stats., no person or entity, as of April 1, 2013, may engage in the business or offer to engage in the business of installing, repairing, or maintaining electrical wiring unless the person or entity holds a license or certification issued by the department as a licensed electrical contractor, except as provided under s. 101.862 (4), Stats.

(b) For the purposes of section unexpired electrical contractor certifications issued prior to April 1, 2013 shall be considered licenses.

**Note:** 2007 Wisconsin Act 63 change the nomenclature from electrical certifications to electrical licenses.

**Note:** Section 101.862 (4), Stats., exempts the following:

(a) A residential property owner who installs, repairs, or maintains electrical wiring on premises that the property owner owns and occupies as a residence, unless a license or registration issued by the department is required by local ordinance.

(b) A person engaged in maintaining or repairing electrical wiring within a facility or on premises owned or leased by the person or by an entity for which the person is an agent.

(c) A person engaged in installing, repairing, or maintaining electrical wiring, apparatus, or equipment for elevators and escalators.

(d) A person engaged in installing, repairing, or maintaining equipment or systems that operate at 100 volts or less.

(e) A person engaged in installing, repairing, or maintaining an electronic system designed to monitor a premises for the presence of an emergency, to issue an alarm for an emergency, or to detect and summon aid for an emergency.

(f) A person engaged in installing, repairing, or maintaining electrical wiring of transmission facilities, as defined in s. 196.01 (12).

(g) A person engaged in installing, repairing, or maintaining manufactured equipment or a manufactured system that is designed to provide a function that is not primarily electrical in nature if the installation, repair, or maintenance does not involve the modification or installation of conductors beyond the disconnecting point or beyond the last junction, pull, or device box, whichever is nearer to the point where the person is performing the installation, repair, or maintenance.

(h) A person engaged in installing electrical wiring for components of a manufactured home, as defined in s. 101.91 (2), or a manufactured building, as defined in s. 101.71 (6), while the manufactured home or the manufactured building is at or in the facility at which it is being manufactured.

(i) A person employed by an electricity provider, or a subcontractor of an electricity provider, who installs, repairs, or maintains electrical wiring for equipment that is installed in the normal course of providing utility services by the electricity provider.

(j) A person engaged in installing, repairing, or maintaining electrical wiring that provides lighting or signals for public thoroughfares and for public airports.

(k) A person engaged in installing, repairing, or maintaining electric lines on the utility side of substations and other distribution facilities owned or operated by customers or members of electricity providers.

(L) A person employed by an electricity provider, or a subcontractor of an electricity provider, who installs, repairs, or maintains primary voltage electric facilities that are owned by the electricity provider's customers or members and that operate at greater than 600 volts.

(m) A person employed by an electricity provider, or a subcontractor of an electricity provider, who restores service during an emergency.

**Note:** As of April 1, 2013 the department will no longer issue or renew a certification for electrical contractor-restricted. The department will issue an electrical contractor license to those individuals who hold an electrical contractor-restricted certification prior to April 1, 2013. The issuance of the license will indicate the same expiration date as the current restricted-certification.

**(2) APPLICATION FOR LICENSURE.** A person applying for an electrical contractor license shall submit all of the following:

(a) An application in accordance with s. Comm 5.01.

(b) An application fee and a license fee in accordance with s. Comm 5.02, Table 5.02.

(c) A statement certifying compliance with worker's compensation requirements under ch. 102, Stats., and unemployment compensation requirements under ch. 108, Stats.

**(3) QUALIFICATIONS FOR LICENSURE.** The person applying for an electrical contractor license shall be the owner of the contracting business, a partner in the contracting business applying on behalf of the partnership, or the chairman of the board or chief executive officer applying on behalf of the contracting corporation.

**(4) RESPONSIBILITIES.** (a) A licensed electrical contractor shall utilize the appropriately licensed or registered individuals to construct, install, repair or maintain electrical wiring.

(b) For any electrical installation that requires a uniform building permit under s. Comm 20.08, a person who holds an electrical contractor license may not commence installation of electrical wiring until a permit is issued for the installation.

**Note:** Chapters Comm 20 to 25 apply to one- and 2-family dwellings and manufactured dwellings. The department's uniform building permit is issued either by the municipality in which the dwelling is located or by a UDC inspection agency where the municipality does not administer the Uniform Dwelling Code.

(c) A licensed electrical contractor may not contract with another person or entity to engage in construction business activities unless the person or entity holds a credential under s. Comm 5.30 (1) (a) or (b).



(d) A person or entity that holds a electrical contractor license shall include his or her license number on all construction bids and contracts.

(5) RENEWAL. (a) A person may renew his or her license as an electrical contractor.

(b) An electrical contractor license shall be renewed in accordance with s. Comm 5.07.

SECTION 9. Comm 5.43 (1) (intro.), (2) (a), (3) and (4) are amended to read:

**Comm 5.43 (1) APPLICATION FOR EXAMINATION.** A person applying to take a master electrician ~~certification~~ license examination shall submit all of the following:

(2) QUALIFICATIONS FOR EXAMINATION. (a) Except as provided in par. (b), a person applying for a master electrician ~~certification~~ license examination shall have at least 1,000 hours per year of experience for at least 7 years in electrical construction work.

(3) EXAMINATION. A person seeking to obtain a master electrician ~~certification~~ license shall take and pass an examination in accordance with s. Comm 5.09.

(4) APPLICATION FOR CERTIFICATION. Upon notification of the successful passage of the examination for a master electrician ~~certification~~ license, a person may obtain the ~~certification~~ license by submitting an application and the ~~certification~~ license fee in accordance with ss. Comm 5.01 and 5.09 (7) (c).

SECTION 10. Comm 5.43 (5) is renumbered Comm 5.43 (5) (a) and amended to read:

**Comm 5.43 (5) RESPONSIBILITIES.** (a) For any electrical installation that requires a uniform building permit under s. Comm 20.08, a person who holds a master electrician ~~certification~~ license may not commence installation of electrical wiring until a permit is issued for the installation.

**Note:** Chs. Comm 20 to 25 apply to one- and 2-family dwellings and manufactured dwellings. The department's uniform building permit is issued either by the municipality in which the dwelling is located or by a UDC inspection agency where the municipality does not administer the Uniform Dwelling Code.

SECTION 11. Comm 5.43 (5) (b) is created to read:

**Comm 5.43 (5) (b)** A person who as a licensed master electrician is responsible for the installation, repair or maintenance of electrical wiring shall utilize the appropriately licensed or registered individuals to construct, install, repair or maintain electrical wiring.

SECTION 12. Comm 5.43 (6) is renumbered Comm 5.43 (7) and amended to read:

**Comm 5.43 (7) RENEWAL.** (a) 1. A person may renew his or her ~~certification~~ license as a master electrician.

2. A master electrician ~~certification~~ license shall be renewed in accordance with s. Comm 5.07.

~~(b) 1. a. The renewal of a certification as a certified master electrician which has an expiration date on or before June 30, 2007 shall be contingent upon the master electrician obtaining at least 18 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.~~

~~b. The renewal of a certification license as a certified licensed master electrician which has an expiration date after June 30, 2007 shall be contingent upon the master electrician obtaining at least 24 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.~~

2. A person who holds a certification license as a certified licensed master electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

SECTION 13. Comm 5.43 (6) is created to read:

**Comm 5.43 (6) EXCHANGES.** (a) A person who holds a master electrician license may, upon application to the department, exchange his or her master electrician license for a journeyman electrician license.

(b) A person who has exchanged his or her master electrician license for a journeyman electrician license may, upon application to the department, exchange his or her journeyman electrician license for a master electrician license in accordance with the following provisions:

1. The person holds a valid journeyman electrician license.
2. The person submits with the application a copy of his or her former master electrician license.
3. The license fee for a master electrician specified in s. Comm 5.02, Table 5.02 is submitted.

SECTION 14. Comm 5.435 is created to read:

**Comm 5.435 Residential master electricians. (1) APPLICATION FOR EXAMINATION.** A person applying to take a residential master electrician licensure examination shall submit all of the following:

- (a) An application in accordance with s. Comm 5.01.
- (b) An application fee and examination fee in accordance with s. Comm 5.02, Table 5.02.

**(2) QUALIFICATIONS FOR EXAMINATION.** (a) Except as provided in par. (b), a person applying for a residential master electrician licensure examination shall have at least 1,000 hours per year of experience for at least 5 years in electrical wiring work.

(b) Relative to the experience required under par. (a), each semester spent full-time in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience, with no more than 3,000 hours and 3 years of experience through education being credited toward the required experience.

**(3) EXAMINATION.** A person seeking to obtain a residential master electrician license shall take and pass an examination in accordance with s. Comm 5.09.

**(4) APPLICATION FOR LICENSURE.** Upon notification of the successful passage of the examination for a residential master electrician license, a person may obtain the license by submitting an application and the license fee in accordance with ss. Comm 5.01 and 5.09 (7) (c).

**(5) RESPONSIBILITIES.** (a) For any electrical installation that requires a uniform building permit under s. Comm 20.08, a person who holds a residential master electrician license may not commence installation of electrical wiring until a permit is issued for the installation.

Note: Chs. Comm 20 to 25 apply to one- and 2-family dwellings and manufactured dwellings. The department's uniform building permit is issued either by the municipality in which the dwelling is located or by a UDC inspection agency where the municipality does not administer the Uniform Dwelling Code.

(b) A person who as a licensed residential master electrician is responsible for the installation, repair or maintenance of electrical wiring shall utilize the appropriately licensed or registered individuals to construct, install, repair or maintain electrical wiring.

**(6) EXCHANGES.** (a) A person who holds a residential master electrician license may, upon application to the department, exchange his or her residential master electrician license for a residential journeyman electrician license.

(b) A person who has exchanged his or her residential master electrician license for a residential journeyman electrician license may, upon application to the department, exchange his or her residential journeyman electrician license for a residential master electrician license in accordance with the following provisions:

1. The person holds a valid residential journeyman electrician license.
2. The person submits with the application a copy of his or her former residential master electrician license.
3. The license fee for a residential master electrician specified in s. Comm 5.02, Table 5.02 is submitted.

**(7) RENEWAL.** (a) 1. A person may renew his or her license as a residential master electrician.

2. A residential master electrician license shall be renewed in accordance with s. Comm 5.07.

(b) 1. The renewal of a license as a licensed residential master electrician shall be contingent upon the residential master electrician obtaining at least 18 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a license as a licensed residential master electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

SECTION 15. Comm 5.44 (1) (intro.), (2) (intro.), (3) (a), (4), (5) (a), (b) (intro.) and 1., and (6) are amended to read:

**Comm 5.44 (1) GENERAL.** A person may obtain a ~~certification~~ license as a ~~certified licensed~~ journeyman electrician by either one of the following:

(2) APPLICATION FOR EXAMINATION. A person applying to take a journeyman electrician ~~certification~~ license examination shall submit all of the following:

(3) QUALIFICATIONS FOR EXAMINATION. (a) Except as provided in par. (b), a person applying for a journeyman electrician ~~certification~~ license examination shall have at least 1,000 hours per year of experience for at least 5 years in electrical construction work.

(4) EXAMINATION. Except as provided in sub. (1) (b), a person seeking to obtain a journeyman electrician ~~certification~~ license shall take and pass an examination in accordance with s. Comm 5.09.

(5) APPLICATION FOR CERTIFICATION. (a) Upon notification of the successful passage of the examination for a journeyman electrician ~~certification~~ license, a person may obtain the ~~certification~~ license by submitting an application and the ~~certification~~ license fee in accordance with ss. Comm 5.01 and 5.09 (7) (c).

(b) A person may apply for a certification as a ~~certified licensed~~ journeyman electrician by submitting all of the following:

1. An application, application fee and a ~~certification~~ license fee in accordance with ss. Comm 5.01 and 5.02, Table 5.02.

(6) RENEWAL. (a) 1. A person may renew his or her ~~certification~~ license as a journeyman electrician.

2. A journeyman electrician ~~certification~~ license shall be renewed in accordance with s. Comm 5.07.

(b) 1. a. ~~The renewal of a certification as a certified journeyman electrician which has an expiration date on or before June 30, 2007 shall be contingent upon the journeyman electrician~~

~~obtaining at least 18 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.~~

b. The renewal of a ~~certification license~~ as a ~~certified licensed~~ journeyman electrician ~~which has an expiration date after June 30, 2007~~ shall be contingent upon the journeyman electrician obtaining at least 24 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a ~~certification license~~ as a ~~certified licensed~~ journeyman electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

3. A person who initially obtained his or her journeyman electrician ~~certification license~~ by completing an electrical construction apprenticeship and whose request to renew his or her ~~certification license~~ is denied because of the failure to fulfill the continuing education requirements of subd. 1., shall be required to take and pass the journeyman electrician ~~certification license~~ examination in order to reacquire the journeyman electrician ~~certification license~~.

SECTION 16. Comm 5.443 is created to read:

**Comm 5.443 Industrial journeyman electricians. (1) GENERAL.** A person may obtain a license as a licensed industrial journeyman electrician by either one of the following:

- (a) Taking and passing the industrial journeyman electrician licensure examination.
- (b) Completing an industrial electrical apprenticeship.

**(2) APPLICATION FOR EXAMINATION.** A person applying to take an industrial journeyman electrician licensure examination shall submit all of the following:

- (a) An application in accordance with s. Comm 5.01.
- (b) An application fee and examination fee in accordance with s. Comm 5.02, Table 5.02.

**(3) QUALIFICATIONS FOR EXAMINATION.** (a) Except as provided in par. (b), a person applying for a industrial journeyman electrician licensure examination shall have at least 1,000 hours per year of experience for at least 5 years in industrial electrical wiring work.

(b) Relative to the experience required under par. (a), each semester spent full-time in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience, with no more than 2,000 hours and 2 years of experience through education being credited toward the required experience.

(4) EXAMINATION. Except as provided in sub. (1) (b), a person seeking to obtain an industrial journeyman electrician license shall take and pass an examination in accordance with s. Comm 5.09.

(5) APPLICATION FOR LICENSURE. (a) Upon notification of the successful passage of the examination for an industrial journeyman electrician license, a person may obtain the license by submitting an application and the license fee in accordance with ss. Comm 5.01 and 5.09 (7) (c).

(b) A person may apply for a license as a licensed industrial journeyman electrician by submitting all of the following:

1. An application, application fee and a license fee in accordance with ss. Comm 5.01 and 5.02, Table 5.02.

2. Evidence of completing an industrial electrical apprenticeship program and the program has been recognized by the department of workforce development and the federal department of labor.

(6) RENEWAL. (a) 1. A person may renew his or her license as an industrial journeyman electrician.

2. An industrial journeyman electrician license shall be renewed in accordance with s. Comm 5.07.

(b) 1. The renewal of a license as a licensed industrial journeyman electrician shall be contingent upon the industrial journeyman electrician obtaining at least 18 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a license as a licensed industrial journeyman electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

3. A person who initially obtained his or her industrial journeyman electrician license by completing an industrial electrical apprenticeship and whose request to renew his or her license is denied because of the failure to fulfill the continuing education requirements of subd. 1., shall be required to take and pass the industrial journeyman electrician licensure examination in order to reacquire the industrial journeyman electrician license.

SECTION 17. Comm 5.447 is created to read:

**Comm 5.447 Residential journeyman electricians. (1) GENERAL.** A person may obtain a license as a licensed residential journeyman electrician by either one of the following:

(a) Taking and passing the residential journeyman electrician licensure examination.

(b) Completing a residential electrical wiring apprenticeship.

**(2) APPLICATION FOR EXAMINATION.** A person applying to take a residential journeyman electrician licensure examination shall submit all of the following:

(a) An application in accordance with s. Comm 5.01.

(b) An application fee and examination fee in accordance with s. Comm 5.02, Table 5.02.

**(3) QUALIFICATIONS FOR EXAMINATION.** (a) Except as provided in par. (b), a person applying for a residential journeyman electrician licensure examination shall have at least 1,000 hours per year of experience for at least 3 years in residential electrical wiring work.

(b) Relative to the experience required under par. (a), each semester spent full-time in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program shall be considered equivalent to 500 hours of experience, with no more than 2,000 hours and 2 years of experience through education being credited toward the required experience.

**(4) EXAMINATION.** Except as provided in sub. (1) (b), a person seeking to obtain a residential journeyman electrician license shall take and pass an examination in accordance with s. Comm 5.09.

**(5) APPLICATION FOR LICENSURE.** (a) Upon notification of the successful passage of the examination for a residential journeyman electrician license, a person may obtain the license by submitting an application and the license fee in accordance with ss. Comm 5.01 and 5.09 (7) (c).

(b) A person may apply for a license as a licensed residential journeyman electrician by submitting all of the following:

1. An application, application fee and a license fee in accordance with ss. Comm 5.01 and 5.02, Table 5.02.

2. Evidence of completing a residential electrical wiring apprenticeship program and the program has been recognized by the department of workforce development and the federal department of labor.

**(6) RENEWAL.** (a) 1. A person may renew his or her license as a residential journeyman electrician.

2. A residential journeyman electrician license shall be renewed in accordance with s. Comm 5.07.

(b) 1. The renewal of a license as a licensed residential journeyman electrician shall be contingent upon the residential journeyman electrician obtaining at least 18 hours of acceptable continuing education within the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 2.

2. A person who holds a license as a licensed residential journeyman electrician may apply to the department for waiver of the continuing education requirements under subd. 1. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

3. A person who initially obtained his or her residential journeyman electrician license by completing a residential electrical wiring apprenticeship and whose request to renew his or her license is denied because of the failure to fulfill the continuing education requirements of subd. 1., shall be required to take and pass the residential journeyman electrician licensure examination in order to reacquire the residential journeyman electrician license.

SECTION 18. Comm 5.45 is repeal and recreated to read:

**Comm 5.45 Beginning electricians. (1) APPLICATION FOR REGISTRATION.** A person applying for registration as a registered beginning electrician shall submit all of the following:

(a) An application in accordance with s. Comm 5.01.

(b) An application fee and a registration fee in accordance with s. Comm 5.02, Table 5.02.

**(2) RENEWAL.** (a) A person may renew his or her registration as a beginning electrician.

(b) A beginning electrician registration shall be renewed in accordance with s. Comm 5.07.

(c) 1. The renewal of a beginning electrician registration with an expiration date after [effective date of this rule, code editor to insert date] shall be for a term of one year.

2. The renewal of a registration as a beginning electrician which has an expiration date after June 30, 2013 shall be contingent upon the beginning electrician obtaining at least 24 hours of acceptable continuing education with the time period specified in s. Comm 5.08 and Table 5.06, except as provided in subd. 3.

3. A person who holds a registration as a registered beginning electrician may apply to the department for waiver of the continuing education requirements under subd. 2. on the grounds of prolonged illness or disability or similar circumstances. Each application for waiver shall be considered individually on its merits by the department.

4. A person who initially obtained a beginning electrician registration and fails to renew the registration shall be required to complete at least 24 hours of acceptable continuing education within one year prior to date of application to reacquire the beginning electrician registration.

SECTION 19. Comm 5.46 is created to read:

**Comm 5.46 Electrical apprentices. (1) APPLICATION FOR REGISTRATION.** A person applying for registration as a registered electrical apprentice, a registered industrial electrical apprentice, or a registered residential electrical apprentice shall submit all of the following:



(a) An application in accordance with s. Comm 5.01.

(b) An application fee and a registration fee in accordance with s. Comm 5.02, Table 5.02.

(2) **QUALIFICATIONS.** A person applying for an electrical apprentice, an industrial electrical apprentice, or an residential electrical apprentice registration shall be indentured in an apprenticeship program recognized under ch. 106, Stats.

(3) **RESPONSIBILITIES.** A person who installs, repairs, or maintains electrical wiring as a registered electrical apprentice, registered industrial electrical apprentice, or registered residential electrical apprentice may do so as long as he or she is indentured under ch. 106, Stats.

(4) **RENEWAL.** (a) A person may renew his or her registration as an electrical-apprentice, industrial electrical apprentice, or residential electrical apprentice.

(b) 1. An electrical-apprentice, industrial electrical apprentice, or residential electrical apprentice registration shall be renewed in accordance with s. Comm 5.07.

2. The renewal of registration as an electrical apprentice, industrial electrical apprentice, or residential electrical apprentice shall be contingent upon the person submitting evidence that the person is indentured in an electrical apprenticeship recognized under ch. 106, Stats.

SECTION 20. Comm 5.63 (4) (b) 2. c. is created to read:

**Comm 5.63 (4) (b) 2. c.** Evidence that the person holds a license as a residential master electrician issued under s. Comm 5.435.

**END**

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**EFFECTIVE DATE**

Pursuant to s. 227.22 (2) (intro.) and (b), Stats., these rules shall take effect on the first day of the month following publication in the Wisconsin Administrative Register, except for treatment SECTIONS 3, 5, 6, and 11 shall take effect on April 1, 2013.

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