



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

ELECTRICAL ADMINISTRATIVE BOARD
BUREAU OF CONSTRUCTION CODES
Conference Room – 3
Okemos Office Building
2501 Woodlake Circle, Okemos, Michigan

AGENDA

November 3, 2011
9:30 a.m.

1. Call to order and determination of quorum
2. Introduction of new Board Members: Thomas Erdman (Chair) and Corey Hannahs
3. Approval of Minutes – August 25, 2011 (pages 1 – 6)
4. Document E-11-26 - Applicants who passed the Contractor exam September 2011 (pages 7–8)
5. Document E-11-27 – Appeal by Wayne R. Dehate for reinstatement of master electrician license. (pages 9-11)
6. Document E-11-28 – Appeal by Thomas B. Kean to take the journeyman electrician exam. (pages 12-26)
7. Document E-11-29 – Appeal by George H. Little for approval of Test Prep Course for journeyman and master exams. (pages 27-42)
8. Document E-11-30 – Appeal by William J. Palermo to take the master electrician exam. (pages 43-69)
9. Document E-11-31 – Appeal by Rodney S. Stockberger to take the master electrician exam. (pages 70-103)
10. Document E-11-32 – Appeal by Robert A. Reynolds Jr. to take the journeyman electrician exam. (pages 104-123)

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Electrical Administrative Board
Agenda – November 3, 2011
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11. Document E-11-33 – Appeal by Rudolph D. Engisch to take the master electrician exam.
(pages 124-137)
12. Document E-11-34 – Appeal by Michael A. Geibel to take the journeyman electrician exam.
(pages 138-151)
13. Unfinished Business
14. New Business – 2012 Schedule of Electrical Administrative Board Meetings
15. Legislative Update
16. Public Comment
17. Next Meeting – February 23, 2012
18. Adjournment

"The meeting site and parking are accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Toni Nelson at (517) 241-9320 at least 10 work days before the event." LARA is an equal opportunity employer/program.



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ELECTRICAL ADMINISTRATIVE BOARD
BUREAU OF CONSTRUCTION CODES
Conference Room 3
2501 Woodlake Circle
Okemos, Michigan 48864

MINUTES
August 25, 2011
9:30 a.m.

MEMBERS PRESENT

Mr. Ernest Harju
Mr. Mark Bauer
Mr. David Bushouse
Mr. Richard Long
Mr. Dave Williams
Mr. Dave Vallier
Mr. Tony Sanfilippo

MEMBERS ABSENT

Ms. Thelma Dobson
Mr. Rowland Cornish III
Mr. Joe Reyes

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
PERSONNEL ATTENDING

Mr. Dan O'Donnell, Chief, Electrical Division
Mr. Jim Hennesey, Assistant Chief, Electrical Division
Ms. Toni Nelson, Electrical Division Secretary
Mr. Irvin Poke, Director
Mr. Keith Lambert, Deputy Director
Tom Warren, Assistant Attorney, Attorney General's office
Susan Przekop-Shaw, Assistant Attorney, Attorney General's office

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OTHERS IN ATTENDANCE

Richard Overton, USDOL/OA
Steven R. Long, UAW
Todd Stites, Consumers Energy
Dave Mattson, Lansing Community College
Arthur D. Lucero, Self
Dave Filipiak, Sky Electric, Inc
Annette Norris, AMC
Kevin Barnes, Kellogg Community College
Russ Holtman, Delta College
Dan Goodchild, Northwestern MI University
John Doherty, ABC/WMC Electrical Contractors

Bill Jackson, Road Commission, Oakland County
Janene Erne, Oakland Community College
Brian Hillis, Consumers Energy
George Little, RECI
Marie R. Douglass, Ford Motor Co/UAW Ford
Dave Jackson, USDOL/OA
Dick Scott, Lansing Community College
Laura Ann DPoupolo, Kellogg Community College
Thomas Roberts, Self
Carol Eberhard, ABC Southeastern MI

1. **CALL TO ORDER AND DETERMINATION OF QUORUM**

The meeting was called to order at 9:30 a.m. by Mr. Mark Bauer, Chairperson. Roll was taken and it was determined a quorum was present.

2. Board Member, Mr. Tony Sanfilipo moved to go into "Closed" session, at 9:33 a.m., **SECOND** by Mr. David Bushouse. **MOTION CARRIED** Open session reconvened at 11:00 a.m.

3. **APPROVAL OF MINUTES**

The minutes of the May 26, 2011 meeting were reviewed. Board member, Mr. Richard Long, moved to recommend approval of the minutes as written, second by Mr. Ernie Harju. **MOTION CARRIED.**

4. **Document E-11-16 - LICENSE REVIEW**

Board member Mr. David Williams moved to take Documents E-11-16A through E-11-16E as a whole and approve all those that passed, second by Mr. Ernie Harju. **MOTION CARRIED.**

5. **Document E-11-17 – Appeal by Mr. Martin J. Kuss to take the journeyman electrician exam.**

Mr. Martin Kuss was not present. Staff presented findings and recommendations. Board member Mr. Richard Long moved to allow Mr. Kuss to sit for the journeyman exam, second by Mr. David Williams. **MOTION CARRIED.**

6. **Document E-11-18– Appeal by Jesse L. Larsen to take the journeyman electrician exam.**

Mr. Jesse L. Larsen was not present. Staff presented findings and recommendations. Board member Mr. David Vallier moved to allow Mr. Larsen to sit for the journeyman exam, second by Mr. Richard Long. **MOTION CARRIED.**

7. **Document E-11-19 – Appeal by Michael P. Hinz to take the journeyman electrician exam.**

Mr. Hinz was present. Staff presented findings and recommendations. Board member Mr. David Williams moved to allow Mr. Hinz to sit for the journeyman exam, second by Mr. Richard Long. **MOTION CARRIED.**

8. **Document E-11-20 – Appeal by Chance M. Rupe to take the journeyman electrician exam.**

Mr. Rupe was present. Staff presented findings and recommendations. After some discussion of experience and education, Board member Mr. Richard Long moved to allow Mr. Rupe to sit for the journeyman exam, second by Mr. David Williams. **MOTION CARRIED.**

9. **Document E-11-21 – Appeal by Mr. Thomas E. Roberts to take the journeyman electrician exam.**

Mr. Roberts was present. Staff presented findings and recommendations. After some discussion of experience in MS and in MI, over the past 18 years, Board member Mr. Ernie Harju moved to allow Mr. Roberts to sit for the journeyman exam, second by Mr. Richard Long. **MOTION CARRIED.**

10. **Document E-11-22 – Appeal by Mr. Arthur Lucero to take the sign specialist exam.**

Mr. Lucero was present. Staff presented findings and recommendations. After some questions and discussion, Board member Mr. Richard Long moved to allow Mr. Lucero to sit for the sign specialist exam, second by Mr. David Vallier. **MOTION CARRIED.**

11. **Document E-11-23 – Rescind the action by the EAB to require Technical instruction and registration with the USDOL/OA for Electrical Apprentices and their employers.**

Board member Mr. Richard Long moved that the Board vote the actions previously approved by the Electrical Administrative Board on February 6, 2009, regarding registration of apprenticeship programs with the United States Department of Labor Office of Apprenticeship, (USDOL/OA),

and on February 18, 2010 regarding implementing the above noted actions, shall no longer be in effect, second by Mr. David Williams. **MOTION CARRIED.**

12. **Document E-11-24 – Approval of United States Department of Labor Office of Apprenticeship (USDOL/OA) Electrical Apprentice training program.**

Board member Mr. David Williams moved that the Board approve the apprenticeship program described in the Work Progress Schedule for Occupation Title; “Electrician”, O*NET Code 47-2111.00 as distributed to and amended by the Board to include only pages 1 and 2 and to include 450 Core hours. Second by Mr. Richard Long. **MOTION CARRIED.**

13. **Document E-11-25, a, b, c - Approval of Electrical Apprenticeship sponsors registered with the USDOL/OA.**

a.) Board member Mr. David Bushouse moved that the Board approve that where a sponsoring employer submits to the Bureau of Construction Codes evidence that it’s electrician apprenticeship-training program has been certified by the USDOL/OA, that certification evidences a program considered equivalent to the requirements imposed by the USDOL/OA and training program and thus, approved by the Board. Second by Mr. David Vallier. **MOTION CARRIED.**

b.) Board member Mr. Richard Long moved that the Board authorizes the Bureau of Construction Codes to review apprenticeship programs that have not been certified by the USDOL/OA, and to approve any program that the sponsoring employer demonstrates as equivalent to the requirements imposed by the USDOL/OA and training program. Second by Mr. David Vallier. **MOTION CARRIED.**

c.) Board member Mr. David Williams moved that the Board authorize the Bureau of Construction Codes to review Related Theoretical Instruction (RTI) of an applicant for registration as an apprentice that was successfully acquired prior to eligibility for registration, and to approve the RTI that the applicant demonstrates is equivalent to the apprenticeship program approved by the Board today and specifically found in “Related Theoretical Instruction” for Electrician, O*Net Code 47-2111.00. Second by Mr. Richard Long. **MOTION CARRIED.**

14. **UNFINISHED BUSINESS** – None

15. **NEW BUSINESS** – Board member Mr. David Williams moved to proceed with mandatory education requirements. Second by Mr. Richard Long. **MOTION CARRIED.**

Chairman Bauer appointed a sub-committee to establish standards by which the Department may create a template of Apprentice Program requirements for educational programs. Committee members are Mark Bauer, Richard Long, David Williams, David Vallier and Dan O'Donnell.

Dan O'Donnell announced the resignation of Thelma Dobson from the Board. Mr. O'Donnell read Ms. Dobson's letter of resignation and thanked her for her service and commitment.

Dan O'Donnell announced that Mr. Harju, Mr. Reyes and Mr. Bauer's appointments to the Board expired on August 10, 2011. They all applied to reappointment, waiting for response from Governor's office. Remain active on Board until notified by Governor's office.

16. **LEGISLATIVE UPDATE** – Mr. Poke commented on House Bill 4561: Still under discussion, nothing new at this point of concern to EAB.

Mr. Poke stated that he has a meeting on August 26 on the 2011 Code Update adoption.

17. **PUBLIC COMMENT** – Dick Overton, USDOL asked if prior RTI would be approved and by whom. Mr. Poke stated that the process for the USDOLOA certified program would not be affected. Only programs not approved by the USDOLOA will have prior RTI approved by the Bureau. The employer will sign verifying apprentice is in compliance with requirements. Programs not registered with the USDOL will be approved by the Department.

Some discussion over confusion of what the RTI provider is signing for on this year's renewals. It was stated they are signing to confirm the apprentice is enrolled in a class. If the student drops out of the classes, the apprentice is required to notify the employer. It has always been the current sponsor's responsibility to verify the apprentice's compliance with requirements.

John Doherty, ABC/WMC Electrical Contractors, stated he had sent a letter and was awaiting response. Mr. Poke replied that a response was not asked for. Mr. Doherty wanted a response to regarding the process to establish the change to have RTI providers sign the renewals. Mr. Poke explained that he was awaiting answers to questions that were not provided prior to the Apprentice renewals being sent out. He did what he thought was the right thing, to verify the enrollment in classes to avoid being sued. Mr. Doherty asked if the Board rescinded, by its actions today, the requirement for the RTI hours to count and be earned at a minimum rate of 144 hours per year. Do they have to go to school 144 hours a year in order to comply with what was done today. Mr. Bauer replied yes, they do. Mr. Doherty asked if in the future the employer would sign verifying the apprentice is in school. Mr. Poke replied yes, the employer would certify going forward. Mr. Doherty asked what the requirements are to sit for the Journeyman examination. Mr. Poke replied 20 years old, 8,000 hours over a period of not less than 4 years, pay examination fee and pass the examination. Mr. Doherty asked if a certificate of completion from a USDOL approved program is a requirement. Mr. Poke answered no. Letters will be sent to apprentices and employers as soon as possible to clarify.

Janene Erne, Oakland Community College asked for confirmation that the RTI provider will sign the apprentice renewals through September 1, 2011 and after that the sponsor will be signing to verify compliance. Confirmed by Mr. Poke.

Mr. Overton, USDOL commented that the 144 hours of class time per year requirement, in their program, does have allowances built in so if an apprentice for some reason does not complete the entire 144 hours the employer may extend and state the apprentice needs more class time.

Mr. Bauer explained there will be a subcommittee formed to review present requirements of Related Technical Instruction and will come back to the Board with recommendations for approval. That will include the make up of the 450 hours required. The subcommittee will also look into a waiver of mandated courses that are not relevant to the type of work being done. The approved programs outside the USDOL will be equivalent, not identical to the USDOLOA requirement.

- 18. **NEXT MEETING** - November 3, 2011
- 19. **ADJOURNMENT** – 12:57 p.m.

Thomas Erdman, Chair

Date

LICENSE REVIEW

E 11-26

November 3, 2011

The Department of Licensing & Regulatory Affairs, Electrical Division, confirms that the applicants listed below received a passing score on the Electrical Contractor's examination taken in Okemos, September 22, 2011.

Contractors License

ADAMKIEWICZ RANDY M	HOWELL
AGRUSA ROY D	HARRISON TWP
ALFRED GERALD W	GIBRALTAR
BEEBE JASON J	CEDAR
BLANCHETT TERRY E	OWOSSO
BOLTZ BRADLEY R	LIVONIA
DELLA-BADIA LOUIS L	CLINTON
EGLY ROBERT P III	PAW PAW
FLEES JOSEPH S	CEDAR
FORTIER KENNETH P	GRAND RAPIDS
FRICKE MICHAEL T	CHARLEVOIX
GJOROVSKI ZORAN	MACOMB
HENDERSON BENJAMIN M	EASTPOINTE
HOSNER SHAWN M	WARREN
ISBISTER WILLIAM R	ROSEVILLE
ISENHART JAMES L	ELK RAPIDS
KATT SETH D	CORUNNA
KLEINHEKSEL DANIEL R	HOLLAND TWP

LICENSE REVIEW

E 11-26

November 3, 2011

The Department of Licensing & Regulatory Affairs, Electrical Division, confirms that the applicants listed below received a passing score on the Electrical Contractor's examination taken in Okemos, September 22, 2011.

Contractors License

KYGER CHAD K	BATTLE CREEK
MARQUESS JIMMY L	WAYNE
OBERLIN DAVID W	MUSKEGON
REIL JOSHUA M	HASTINGS
SABBAGH MIRVAT M	DEARBORN
SEARS TRACY R	GRAND LEDGE
SERVANT CURTIS J	ESCANABA
STAELGRAEVE JONATHON M	MONROE
SWANSON CRAIG J JR	OLIVET
WYLIE WILLIAM J	SWARTZ CREEK
ZACNY MIROSLAW S	SHELBY TWP
ZIMMERMAN JOSHUA L	PORT AUSTIN
CHAPMAN ROSS R	WARREN



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November 3, 2011

E-11-27

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Wayne R. Dehate for reinstatement of master electrician license

APPLICANT REPRESENTATIVE:

Wayne R. Dehate

PROJECT:

Not Applicable

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 P.A. 217

REQUEST:

Reinstatement of master electrician license

APPLICABLE LAW:

1956 PA 217 MCL, 338.888e Sec 8e. (e)

Findings:

Licensing action was undertaken by the department against Mr. Dehate for violations of 1956 P.A. 217. As part of a settlement agreement entered into by Mr. Dehate with the department on December 11, 2008, his master electrician license was revoked for a period of two years. After the two year period he could petition the board for reinstatement of his master electrician license. On August 19th, 2011 the department received a letter from Mr. Dehate requesting reinstatement of his master electrician license as stipulated in the settlement agreement. The department has not received any

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information regarding Mr. Dehate violating the act or rules in the period since his license revocation.

RECOMMENDATION:

Staff recommends the Electrical Administrative Board reinstate master electrician license #6204907 to Mr. Dehate as requested.

August 18, 2011

State of Michigan

Dept. of Energy, Labor and Economic Growth

Bureau of Construction Codes

PO Box 30254 Lansing, MI 48909

To whom it may concern:

I am writing to request that my Master Electrician license #6204907 be reinstated.

Thank you very much.

Sincerely,



Wayne R. Dehate

I





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DIRECTOR

November 3, 2011

E-11-28

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Thomas B. Kean to sit for the journeyman electrician examination

APPLICANT REPRESENTATIVE:

Thomas B. Kean

PROJECT: N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the journeyman electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec. 3a. (c), MCL 338.883d Sec. 3d. (1), (a), (b), (c), (d), Administrative Board General Rules R338.1005a Rule 5a. (1), (2), (3), R338.1006a Rule 6a (1), (3), (4).

FINDINGS:

Mr. Kean submitted an application to the Electrical Division to sit for the State of Michigan journeyman electrician examination. The application was received by our office on August 22, 2011. After reviewing Mr. Kean's application it was determined that additional information would be needed and a letter was sent to Mr. Kean on September 9, 2011 requesting that information. The department received the additional

Providing for Michigan's Safety in the Built Environment

information on September 28, 2011. Mr. Kean did provide documentation that he was employed by a licensed electrical contractor and worked under the supervision of a master electrician duly licensed in the State of South Carolina. Mr. Kean did not supply any information that he had completed an electrical apprenticeship training program.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Kean has attained in the State of South Carolina to determine whether that experience is equivalent to that required under Michigan statute to sit for the journeyman electrician examination.



Application for Journeyman Electrician Examination
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Electrical Division
 P.O. Box 30255, Lansing, MI 48909
 517-241-9320
 www.michigan.gov/bcc

Agency Use Only
 1336329

Examination Fee: \$100.00 (nonrefundable)

Authority: 1956 PA 217 Completion: Mandatory Penalty: Examination will not be given	LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
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Instructions: To be eligible to make application for and take this examination an applicant shall meet the following criteria:

- Complete and sign application. Type or print in ink.
- Application and fee must be received 20 business days prior to the examination date.
- Applicant must not be less than 20 years of age.
- Provide **original notarized** documentation from present or former employers to the effect that the applicant has not less than 8,000 hours of practical experience obtained over a period of not less than 4 years related to electrical construction or electrical maintenance of buildings under direct supervision of a person licensed pursuant to the act. Documentation must include the beginning (month, day, year) to ending (month, day, year) dates of employment. The 8,000 hours of practical work experience over 4 years must be attained prior to the deadline date for submitting documentation. **Notarized**, original documentation must be on employers' letterhead stationery and provide dates of employment and hours worked under licensed supervision and signed by the qualified master electrician.
- Enclose a check made payable to the **State of Michigan**.
- Mail completed application, required documents, and payment to the address listed above.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a minimum passing score of 75% or higher, the applicant will be billed \$40.00 for the journeyman electrician license prior to issuance of the license. Failure of examination 2 times within 2 years requires 1 year waiting period from the date of the second failure and proof of successful completion of a course on code, electrical fundamentals or theory to be eligible for reexamination. Examination fee is forfeited upon failure to appear for scheduled examination unless written explanation is received within 10 business days of the examination.

Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a journeyman electrician in another state or country may qualify for examination upon determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan in accordance with the provisions of section 3a of the act.

Applicant Information

NAME (Last Name, First Name, Middle Initial) KEAN, THOMAS, B.		DATE OF BIRTH 1	LAST 4 DIGITS OF SOCIAL SECURITY NUMBER* XXX-XX-
ADDRESS	CITY	TOWNSHIP	
STATE MI.	ZIP CODE	TELEPHONE NUMBER (Include Area Code) /	

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:
 City of _____ Township of _____

Examination Site

Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.

<u>Preferred Site</u>	<u>Preferred Month</u>
<input checked="" type="checkbox"/> Lansing	November
<input type="checkbox"/> Escanaba	_____

If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation. Forms are available from this office.

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

Experience Record (attach additional sheets if necessary)

NAME OF CURRENT EMPLOYER <i>Tish House electric</i>		DATES OF EMPLOYMENT (MM/DD/YY) BEGINNING: <i>7-27-2011</i> ENDING:	
ADDRESS <i>8849 West "C" Ave.</i>	CITY <i>Kalamazoo</i>	STATE <i>MI</i>	ZIP CODE <i>49009</i>

TYPE OF WORK PERFORMED
remodeling apartments (Riverside) Three rivers MI

NAME OF EMPLOYER <i>Dennis Electric</i>		DATES OF EMPLOYMENT (MM/DD/YY) BEGINNING: <i>2-15-2005</i> ENDING: <i>9-14-2010</i>	
ADDRESS <i>560 Langford Rd.</i>	CITY <i>Blythewood</i>	STATE <i>S.C.</i>	ZIP CODE <i>29016</i>

TYPE OF WORK PERFORMED *small 3 man crew Foreman*
All types of residential/commercial running condit/moving panels -all devices etc.

Certification and Signature of Applicant

I certify the information provided is true and accurate to the best of my ability and I have the experience required for this examination. I further understand fraud or decept in obtaining a license is grounds for administrative action in accordance with the act

APPLICANT'S SIGNATURE <i>Thomas B. Keen</i>	DATE <i>8-15-2011</i>
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Agency Use Only

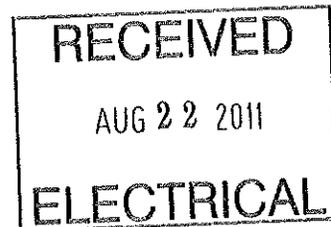
Approved for Exam Yes No

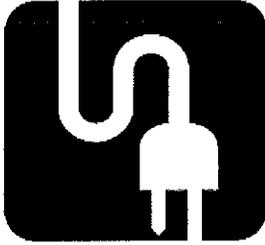
Date of Exam	Score	Absent	Date of Exam	Score	Absent

Validation Area

Tran Info: 103 17055706-1 08/18/11
Chk#: 1033 Amt: \$100.00
ID: THOMAS KEAN

Date Approved by EAB _____





Dennis Electric

560 Langford Rd.
Blythewood, SC 29016

803-754-1280 office
803-754-1091 fax



Date: 9/24/2010

To whom it may concern:

Thomas Kean has been an employee with Dennis Electric from 2/15/2005 to 9/14/2010

The total hours worked for this period 9,450hrs.
He worked directly under Michael Dennis.

The 1st year of his apprenticeship Tom worked in the residential field.
His duties included , material and tool handling, basic wiring , rough-in work.

The 2nd year , he performed more residential wiring , device and communication installations
Panel installations. service change-outs/upgrades.

The 3rd year, he performed residential service calls as well as working on
some commercial projects. He studied blue print layouts as well as slab rough
ins and running conduit.

The 4th year, more commercial and industrial projects, running rigid conduit, motor controls
wire pulls , in charge of a small 3 man crew and a truck.

Michael Dennis

Owner

SC Masters License # 001120402

SC Mechanical Contractors License# M107527

Witnessed By: Tammy C. Dennis

my commission expires: NOV. 5, 2010



South Carolina Department of Labor, Licensing and Regulation
 140 Centerville Drive, Columbia, SC 29210 (regular mail)
 PO Box 11333, Columbia, SC 29211 (overnight mail)
 Telephone (803) 896-4886 Fax (803) 896-4614
www.llronline.com/pol/contractors

GENERAL OR MECHANICAL CONTRACTORS' LICENSE APPLICATION INSTRUCTIONS
 Document #165

1. INITIAL APPLICATION: GENERAL INFORMATION

- A. **LICENSING PERIOD: GENERAL CONTRACTORS: 11/01/2010-10/31/2012, 11/01/2012-10/31/2014, etc.** (licenses expire every even year); **MECHANICAL CONTRACTORS: 11/01/2009-10/31/2011, 11/01/2011-10/31/2013, etc.** (licenses expire every odd year). Licenses are effective on the date issued by this board and have a universal expiration date, regardless of issue date.
- B. **FEES: (\$360 or \$175)** - The fee is based on the date you submit your application - see "Fee Schedule" on page 2 to determine the amount to submit. Fees are non-refundable. Make check or money order payable to: SCCLB.
- C. **FINANCIAL STATEMENT REQUIREMENTS:** You must submit a financial statement, no less than 12 months old. It must be in the exact same name as you select for your "DBA" name. Personal financial statements are only accepted for a "Sole Proprietorship" or "Partnership" style of business. **NOT ACCEPTED:** tax returns, income statements, or profit & loss statements. The balance sheet must show "assets", "liabilities", and "net worth/equity". Financial statements must either be notarized (Groups 1 or 2), compiled or reviewed (Groups 3 or 4), or audited (Group 5); notarized financial statements are the only statements that do not require an accountant's report (see page 4 for more details). **Do not** submit statements glued, stitched, collated, or wire bound, etc.
- D. **PROCESSING TIME:** Applications are processed within 10-15 business days; however, during the renewal months of August-December, processing can take up to 30 days. **APPLICATIONS ARE PROCESSED IN THE ORDER THEY ARE RECEIVED WITHOUT EXCEPTION.** Applications are not expedited for "pending jobs". Starting a job before becoming properly licensed is a violation of the law, in which disciplinary actions, fines, or both, can be imposed.
 You can check the status of your application at www.llr.state.sc.us/pol.asp and select "Check Your Application Status"; if the license has been recently issued, you can check by selecting "License Lookup". You will be contacted by phone, fax, email or mail if there is a problem with your application. Frequently asked questions are on this same website, click on "FAQ" on the left margin.

2. APPLYING FOR A LICENSE

A. APPLICANTS APPLYING BY PSI EXAM:

1. Submit the exam registration form located in the Candidate Information Bulletin (CIB) to register for your Technical and Business Management/Law exams to PSI. If you do not have a CIB, call (800)733-9267.
2. You will receive an eligibility letter from PSI. Call the number at the bottom of the letter to schedule your exam at the testing site of your choice. See the Information Bulletin for a listing of available sites.
3. After you have passed the (1) Technical exam(s) and (2) Business Management/Law exam, submit your completed license application to the SC Contractors' Licensing Board and include all of the following:
 - o Fee
 - o Financial Statement
 - o Technical exam score sheet and the Business Management & Law score sheet
 - o Experience Affidavit (page 5 of this application)
 - o The SC Code of Laws Take Home Exam (return signature page and answer sheet)

B. APPLICANTS APPLYING BY WAIVER/RECIPROCAL AGREEMENT:

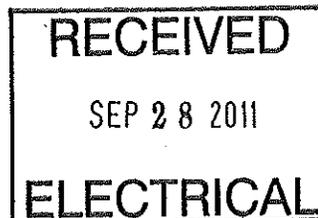
A technical examination must have been passed with one of the participating state(s) listed on page 6. The applicant must not have any outstanding complaints with any other licensing agency, and all applicants must be currently licensed in good standing. Waiver applicants **do not** have to complete page 5 - the Experience Affidavit. SC has a reciprocal agreement with the states listed on page 6 only. If your state is not listed, you must take the exams through PSI (see Section 2A above).

Submit this completed application to the SC Contractors' Licensing Board and include all of the following:

- o Fee
- o Financial Statement
- o A Certification of Licensure letter from the reciprocal state that includes licensee name, the name of exam qualifier, SSN, certification number, issue date, expiration date, exam passed and date exam passed. **Copies of licenses are not accepted (except from MASC).**
- o South Carolina Code of Laws Take Home Exam (return signature page and answer sheet)

This application is for your license only. Do not complete this application if you have a current non-renewed license with this board (unless you are reinstating your lapsed license). If you have a current license and are making revisions to your license (i.e. adding a qualifier, increasing contract limit), submit a Revision Application, Form #160, instead.

IMPORTANT NOTICE: MAKE COPIES OF EVERYTHING YOU ARE SUBMITTING FOR YOUR RECORDS! INSURE YOUR PAPERWORK BY A TRACKABLE MAILING SERVICE (I.E. FEDEX, UPS, DHL, AIRBORNE EXPRESS) IS THE BEST METHOD OF MAILING YOUR DOCUMENTS TO THIS BOARD (BUT NOT MANDATORY).



Examination Process

The applicant must fill out an application and submit it to the Municipal Association of South Carolina. All material must be submitted before the application can be processed. If any information is missing, the application will be returned to the applicant for completion.

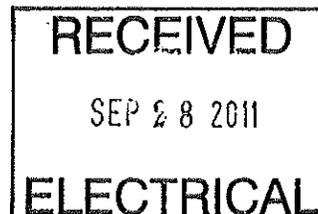
1. Fill out the application completely. *The application must be signed and dated.* Please remember to include city and zip on address and *Social Security Number.* Applicant's Social Security Number will be used as the test candidate's identification number. After passing the exam, a card number will be issued.
2. The application fee (\$25.00) must accompany the completed application. Make checks payable to MASC. (Money orders, company and personal checks are accepted.)
3. Document experience by attaching letters(s) from present/previous employer(s). Submit documentation of *two full years for the Journeyman.* Completion of a two-year degree from an accredited technical college can be counted as one year of experience. Applicant *must be a Journeyman and submit documentation of four full years for the Master.* (See application for qualification information.) This documentation is in addition to information supplied on the application. Failure to submit this documentation will prevent applicant from taking the exam. Keep a copy of letter(s) of documentation for your files. (Copies of these letters are not kept indefinitely by MASC.)

Please do not submit copies of resumes or W-2 forms for documentation of experience. Technical training is considered as a qualifying factor in addition to on-the-job experience as stated above. The full amount of on-the-job experience is needed to qualify.

4. Copies of certification cards issued by any municipality, county or state *must be attached* to application. (See application for details.)

After the application is processed (allow up to two weeks for processing), a Prometric Registration Form is mailed to the applicant. Applicant also receives study information at this time. The applicant completes the Form (choosing a date and location) and mails it to Prometric, along with the \$90.00 fee (only money orders, cashier's checks, and certified checks are accepted). Prometric will then mail a confirmation (Admission Letter) to the applicant. Verify the date and location. Any problems or questions must be handled by Prometric. If this letter is not received at least one week before the exam date chosen, applicant must call Prometric at 1.800.280.3926. Applicant must have this Admission Letter to attend the exam (it is your ticket in the door).

If the applicant fails the exam, he does not need to submit a new application to MASC to reschedule. The test results letter noting the failing grade has a portion at the bottom of the page to tear off and return, along with the \$25.00 fee (self-addressed envelope is included). MASC will mail a new Registration Form. Applicant should mail the Registration Form to Prometric with the \$90.00 fee (same procedure as before). A no show for an exam can call the Municipal Association for information about rescheduling.



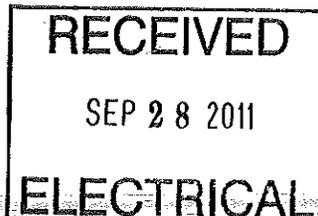
Municipal Association of South Carolina
Mechanical Trades Certification Program

Established 1965

Electrical -- Plumbing -- Heating and Air -- Gas Fitting
Sheet Metal -- Pipelfitting

1411 Gervais Street
PO Box 12109
Columbia, SC 29211-2109
Phone: 803.933.1209
Fax: 803.933.1299
E-mail: mascrades@sc.rr.com
www.masc.sc

This program is administered by an outside contractor who is not located in the Municipal Association office. A bank lock box is being used, so the office will not handle any transfer of money. All payments must be mailed and not brought in person. No cash will be accepted -- only checks and money orders. (Revised 6/11)



Since 1965, the Municipal Association of South Carolina (MASC) in cooperation with mechanical trades and contractors has provided an examination and certification program for Master and Journeyman tradesmen in the electrical, plumbing, heating & air, and gas fitting fields. The MASC Certification may be used as an indication of skill level in cities in South Carolina that require trades certification for the issuance of licenses and permits.

This certification should not be confused with the South Carolina Mechanical Contractors Exam, which is administered by PSI (800.733.9267) for the S.C. Contractors Licensing Board and is required for a contractor bidding on a commercial job in excess of \$5,000. The S.C. Contractors Licensing Board will waive examination requirements for holders of the MASC Master Electrician and Master Plumber certification if the candidate passed an examination after December of 1990.

These MASC certifications also should not be confused with the S.C. Residential Builders Commission's Specialty Contractors License. The Residential Builders Commission will waive examination requirements for electrical, plumbing, and heating and air conditioning licenses if a tradesman already holds a MASC journeyman or master certification card in the appropriate trade.

A tradesman interested in either of the above licenses should contact the appropriate agency as follows:

SC Dept of Labor, Licensing & Regulation
(Contractors Licensing Board)
110 Centerview Drive, Suite 102
PO Box 11329
Columbia, SC 29211-1329
Phone: 803.896.4696

SC Residential Builders Commission
PO Box 11329
110 Centerview Drive, Suite 306
Columbia, SC 29211-1329
Phone: 803.896.4696

If you already hold a South Carolina Mechanical Contractors License, call 803.833.1209 for MASC reciprocal license information.

Examinations are prepared, scheduled, proctored and graded by a national testing service and are given 13 times a year. (See attached sheet for exam dates, locations, and cutoff dates.)

Completed applications for certification must be submitted to the MASC office in Columbia along with the \$25.00 application fee. Each applicant who qualifies is sent an approval form to register for the exam. Each applicant schedules their examination date and pays a \$90.00 examination fee to Prometric, who will send an admission letter giving the time and location of the exam. Prometric must receive the approval form and registration fee **PRIOR TO THE LISTED CUTOFF DATES**. Candidates who were qualified to take the exam previously but either failed the exam or never took the exam are not required to file a new application. These candidates must notify MASC by forwarding the \$25.00 application fee. Previous applicants must pay the registration fee and schedule their exam prior to the cutoff dates just the same as a new applicant.

Renewal of Certification

Upon passing the required examination, MASC will issue a Certification Card. These cards will be renewed upon notification by MASC. Journeyman cards will be renewed annually at \$20.00. Master cards will be renewed on a 2-year basis (\$25.00 per year) at \$50.00. MASC will notify each person of the renewal date by mail.

Cancellation Policy

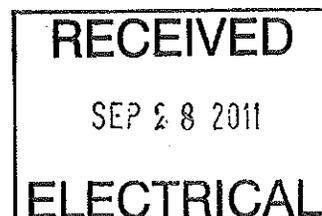
If you are a "no show" at a scheduled exam, you will forfeit your fee and have to pay again before being rescheduled for a future exam. Please check list of exam dates and cutoff dates.

For Additional Information:

Municipal Association of SC
1411 Corvais Street, PO Box 12109
Columbia, SC 29211
803.833.1209
Email: mascitrades@sc.ir.com
www.masc.sc

(ZIP code for street address is 29201)

Prometric
1260 Energy Lane
St. Paul, MN 55108
Ph: 1.800.280.3926 Fax: 800.813.6670
www.prometric.com



This certificate expires December 31, 2015, unless
 revoked according to law.
 By **JOHNNY PHIPPS**,
 2nd
 Chairman
 Richard County, S.C.
 is duly registered as a **MASTER**
 Electrician in accordance with the Ordinances of
 the City of Columbia, S.C.
 This is to Certify That
DENNIS B. ELECTRIC
 Richard County, S.C.
 BOARD OF ELECTRICAL EXAMINERS
 Registration No. **MR-107**

Registration No. **MR-991**
BOARD OF ELECTRICAL EXAMINERS
 of the
 City of Columbia, S.C.
 This is to Certify That
Michael Dennis

is duly registered as a **MASTER**
 Electrician in accordance with the Ordinances of the City of
 Columbia, S.C.
 Dated this **15th** day of **September**, **2010**
 By **Jerry Adams**, Chairman
 This Certificate expires December 31, **2014**, unless
 revoked according to law.

South Carolina DRIVER'S LICENSE
 D.M. 004012229 DENNIS MICHAEL J.
 DOB: 11-11-1974
 Issued: 03-22-2011
 Expires: 03-21-2021
 Class: D
 Sex: M
 Weight: 175
 Height: 6-11
 Restrict: R
 Endorse: NONE
 Michael Dennis

MASC Municipal Association of South Carolina
 Trades Certification
 803.933.1209
 This is to certify that the person named below
 has passed a uniform certification examination
 and has qualified as a
 Master Electrician
Michael J. Dennis
 560 Langford Rd.
 BlytheWOOD, SC 29016
 Card No. **001120462** Card Expires **30-Mar-12**
Mark Klein
 Executive Director

State of South Carolina
 Department of Labor, Licensing and Regulation
 Contractors' Licensing Board
 Certifies
DENNIS B. ELECTRIC
560 LANGFORD RD
BLYTHEWOOD SC 29016
 as a
MECHANICAL CONTRACTOR
 License Number: **MR107527**
 Effective Date: **12/02/2009**
 Expiration Date: **10/31/2011**
 First Issuance Date: **07/12/2006**
D. C. Phillips
 David Phillips, III
 Assistant Deputy Director
 Office of Enforcement and Compliance

State of South Carolina
 Department of Labor, Licensing and Regulation
 Contractors' Licensing Board
 Licensed in the classification(s) of
ELA
 (See back of card for Classification Abbreviations and
 Dollar Limit Per Contract)

RECEIVED
 SEP 28 2011
ELECTRICAL

South Carolina Labor, Licensing and Regulation
Contractors' Licensing Board
CERTIFICATE

This certifies that:

DENNIS ELECTRIC
560 LANGFORD RD
ELY THE WOOD SC 29016

Has given satisfactory evidence of the necessary qualifications required by the laws of the State of South Carolina and is duly qualified and entitled to practice as a:

MECHANICAL CONTRACTOR

For the classification(s) and limitation(s) shown below as listed on the license card:

Dennis Electric
EIA

License Number: M107527
Date of Issue: 12/02/2005
Expiration Date: 10/31/2011
First Issuance Date: 07/12/2006

RECEIVED
SEP 28 2011
ELECTRICAL



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

September 9, 2011

Thomas B Kean



Dear Mr. Kean:

Your application for the **November** electrical examination cannot be approved for the following reason(s):

The Electrical Administrative Board General Rules requires that a business, firm, or corporation employ a master electrician to provide direct supervision of electrical installations in that business for compliance with the Act. For proper verification of out of state licensing we ask that you provide the following information:

- a. Provide copies of the electrical contractor's license that provided your employment and the qualifying master electrician's license for verification.
- b. A copy of the licensing requirements for the city, township, village, county, state or country that issued the license for the master electrician that supervised you.
- c. A copy of the license requirements for the city, township, village, county, state or country that issued the license for the contractor who provided your employment.

Return a copy of this letter to **PO Box 30254, Lansing, MI 48909** with any response required by **September 29, 2011** to be eligible for the **November** exam.

If you are unable to provide the additional information requested you will be ineligible for the examination and any fees paid will be forfeited as outlined in Rule 338.1002a of the General Electrical Administrative Board Rules.

Please contact the Electrical Division at 517-241-9320 if you have any questions.

Sincerely,

Evie Livingston, Departmental Technician
Electrical Division

Providing for Michigan's Safety in the Built Environment



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

October 5, 2011

Thomas B Kean

Dear Mr. Kean:

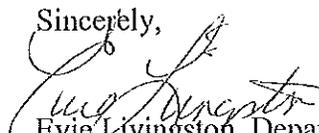
We are unable to approve your application to sit for the **November** electrical examination. If you wish to appeal this decision you may do so, in writing, to the Electrical Administrative Board, PO Box 30254, Lansing, MI 48911. Their next scheduled meeting is **November 3, 2011**. Request must be submitted by **October 10, 2011**. Please provide a copy of this letter with your request for an appeal.

THE PHONE NUMBER ON YOUR APPLICATION IS A NON-WORKING NUMBER, SO WE COULD NOT CONTACT YOU BY PHONE. PLEASE GIVE OUR OFFICE A CALL (517 241-9320) REGARDING THIS APPEAL AS SOON AS YOU RECEIVE THIS LETTER, SO THAT WE CAN GET YOU IN THE NOVEMBER 3, 2011 ELECTRICAL ADMISTRATIVE BOARD MEETING.

An application that is denied, forfeits all fees paid as outlined in Rule 338.1002a of the General Electrical Administrative Board Rules.

Please contact the Electrical Division at 517-241-9320 if you have any questions.

Sincerely,


Evie Livingston, Departmental Technician
Electrical Division

Please Call

Providing for Michigan's Safety in the Built Environment

Thomas B. Kean II

To Whom It May Concern:

Please let this letter confirm that I would like to present my case before the board on November 3, 2011 regarding my application for the journeyman's license. A copy of this letter is being mailed to you along with the original letter you sent me. Please feel free to call me at the number listed above with any questions or concerns.

Thank You,



Thomas B. Kean II



CLASSIFICATION ABBREVIATIONS LISTED ON LICENSE CARDS

Following is a listing of abbreviations that represent the classification of license. This information is also listed on the back of the license card. The number beside a classification abbreviation represents the dollar limit per contract.

<u>GENERAL</u>	<u>ABBREVIATION</u>	<u>MECHANICAL</u>	<u>ABBREVIATION</u>
Limited Building.....	BD or LB	Air Conditioning	AC
Unlimited Building	BD or UB	Electrical.....	EL
Asphalt Paving	AP	Heating.....	HT
Concrete Paving.....	CP	Lightning Protection	LP
Bridges	BR	Packaged Equipment.....	PK
Glass & Glazing	GG	Plumbing	PB
Grading.....	GD	Process Piping.....	1P or 2P***
Highway Incidental	HI*	Refrigeration.....	RG
Public Utility Electrical	1U or 2U**		
Pipelines	PL		
Water & Sewer Lines.....	WL		
Water & Sewer Plants.....	WP		
Boiler Installation.....	BL		
Concrete	CT		
Boring & Tunneling.....	BT*		
Marine.....	MR		
Masonry	MS*		
Pre-Engineered Metal Buildings....	MB		
Interior Renovation	IR*		
Railroad	RR*		
Specialty Roofing	SR		
General Roofing	GR		
Structural Framing.....	SF		
Structural Shapes.....	SS*		
Swimming Pools.....	SP		
Wood Frame Structures.....	WF		

* A technical exam is not required; however, you must pass the S.C. Code of Laws Take Home exam and the Business Management/Law exam.

** 1U is the Public Utility Electrical classification for those licensed prior to 4/1/99; licenses issued after 4/1/99 will be given the classification as 2U and may not engage in stadium lighting.

*** Process Piping is designated as 1P prior to 4/1/99. Individuals licensed in Process Piping after 4/1/99 are designated as 2P and may not engage in boiler work.

Note: The Highway classification "HY" is given to licensees who have passed all of the following exams: AP, CP, BR, GD, & HI.



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 29

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Approval of Test Prep Course for Journey and Master Electrician Examinations

APPLICANT REPRESENTATIVE:

George H. Little

PROJECT:

Not Applicable

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

REQUEST:

Board Approval of Test Prep Course for Journey and Master Electrician Examinations in Accordance with the Act and Rules.

APPLICABLE RULE:

1956 P.A. 217 MCL, 338.883d Sec. 3d. (2), The Electrical Administrative Board General Rules, R338.1013a Rule 13a. (2)

FINDINGS:

Mr. Little submitted information to the department on July 24th, 2011 requesting board approval of an exam prep course as required by the act and the board rules. The department reviewed the information submitted by Mr. Little and sent a request to him on August 11th, 2011 for additional information regarding course content, copies of manuals and/or textbooks to be used, and his background with respect to electrical course

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

instruction. Mr. Little submitted additional information on August 25th, 2011 as requested by the department.

RECOMMENDATION:

Staff recommends approval of the test prep course for Journey and Master Examinations submitted by Mr. Little.

ELECTRICAL

EXAM PREP CLASS

LITTLE ENTERPRISES

GEORGE H. LITTLE

2008

Sunday, July 24, 2011

Electrical Administrative Board
LARA/BCC/Electrical Division
P.O. Box 30254
Lansing, MI 48909

ATTN: Dan O'Donnell

Please consider this letter as an application for approval of an exam prep class suitable for students to attend in preparation of taking an electrical exam for licensure as a Journey or Master electrician. The class will also be suitable for students who have failed the exam and need to have an approved class prior to re-examination. The class is intended to cover the Michigan Electrical Code including the State laws associated with the electrical trade. The length of the class will be a total to 30 class room hours plus homework assignments following the format contained in a 500+ page book authored by Truman Surbrook and Jonathan Althouse and published by Delmar publications. (the Delmar publication is available for review upon request).

Each Student will receive a copy of the book: Interpreting The National Electrical Code, a copy of the Part 8 Rules, copy of PA 230 and a copy of PA 217. The students will be supplying their own copy of the 2008 National Electrical Code.

Attendance records will be kept and a certificate of completion will be issued to all who qualify.

Please advise me of any questions regarding this application.

George H. Little

Contact Information

Cell:

Fax:

Email: [redacted]

Encl: Outline of class agenda

Exam Prep Class for 2008 Michigan Electrical Code

What's Included:

- Copy of Public Act 217 (The Electrical Administrative Act)
- Copy of Public Act 230 (Construction Code Act)
- Copy of 2008 Part 8 Electrical Code Rules
- Copy of "Interpreting the National Electrical Code 8th Edition" by Truman Surbrook and Jon Althouse (500 p. workbook)
- Copy of "Important Information" State of Michigan Electrical Licensing / Examination Information document
- 30 Hours of class room training
- Certificate of completion (Must complete class sessions)

What the Student must provide:

- Copy of 2008 National Electrical Code (No Handbooks)
- Standard calculator (No "Electrician Calculator")
- Pencil or pens
- Note paper if you intend on taking notes

Note: Be aware that when you are taking your exam, you can use your copy of the code book (State does not provide books) and it may have tabs of the commercial made brand and that no home made tabs are permitted and no notes or markings are permitted in your code book.

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Based on Interpreting the National Electrical Code 8th Edition by
Truman C. Surbrook & Jonathan R. Althouse

Unit 1

General Wiring and Fundamentals

Wire Dimensions

Formulae

Ohms law

AC and DC

Definitions

Wiring methods

Tables 8 & 9

Unit 2

Wire, Raceway and Box Sizing

Identifying raceways and Cable methods

Box fill

Parallel conductor installations

Neutral wire calculations

Wiring methods in detail

Unit 3

Outlet, Lighting, Appliances and Heating

Switches

Receptacles

Space Heating equipment

Appliances

Class 1, 2 and 3 remote-control, signaling and
power-limited circuits

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Unit 4

Service and Feeder Calculations

Examples- Residential, Commercial

Optional calculations

Unit 5

Grounding & Bonding

Sizing of conductor for bonding and grounding

Swimming pools

Equipment grounding

System grounding

Unit 6

Overcurrent Protection

Switchboards and Panelboards

Interrupting ratings

Feeder Taps

Unit 7

Motor-Circuit Wiring

Motor name plate

Motor circuits

Overloads v. Fault Current

Starter control wiring

Unit 8

Transformers

Types of Transformers

Overcurrent protection for transformers

K-rated transformers

Disconnects for transformers

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Unit 9

Hazardous Location Wiring

Class I, II and III Wiring

Intrinsically Safe wiring

Types of hazardous location

Sealing Fittings

Unit 10

Health Care Facilities

Definitions

Receptacles

GFCI and GFPE Equipment required

Hospital required Electrical Systems

Unit 11

Emergency and Alternate Power Systems

Batteries

Fuel Cells

Fire Pumps

Generators

Unit 12

Industrial Electrical Applications

Cable Tray

Welders

Equipment over 600v

Industrial Machinery

ITC

Unit 13

Commercial Wiring Applications

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Cellular Floor Raceways

Place of Assembly

Electric Signs

Manufactured Wiring System

Unit 14

Special Applications Wiring

Communications wiring

Electrical Vehicle charging systems

Carnivals, circuses, fairs and similar events

Unit 15

Part 8 Rules

Amendments to NEC

PA 217

License renewal

Failing the exam

PA 230

Construction requirements

Limitations

Michigan Residential Code

Priority of codes

CERTIFICATE
of TRAINING

This certifies that
READY KILOWATT

*Class successfully completed the training
program requirement for*
EXAM PREPARATION
*as offered by State Enterprises
and approved by the State Electrical Administration Board*

August 22, 2011
DATE

INSTRUCTOR

Bio George H. Little

MI

Contact Info:

Objective:

Here presented is a resume of my employment and education; the intent being to qualify as an instructor for code programs.

Experience:

Part Time Electrical Inspector Village of Orchard Lake	2010 - Current
Full time Electrical Inspector for Bloomfield Township.	March 1985 - 2010
Part time Electrical Inspector for Farmington Hills and part time electrical contractor	1983 - March 1985
Self employed electrical contractor (Little Electric Co.)	1974 -1983
Employed by Harelik Electric Co. of Oak Park MI.	1970 -1974
Maintenance- electricians helper etc..	1960 -1970

Teaching Experience:

Taught through action and instruction at least 4 employees (as a contractor) from apprentice to licensed electrician.

Taught via speaking engagements for the following:

Code seminars-	(1) International Association of Electrical Inspectors (IAEI) (2) Reciprocal Electrical Council Inc. (RECI) 1985-Current
Instructor-	(1) Michigan Electrical Inspector School (Jan/Feb. term 1985) (2) Macomb Community College (1/89-3/89) Winter term
Instructor-	1989-1992 taught code classes for ABC apprentice school in Madison Heights. Material used was from the BAT Wheels of Learning program.
Instructor-	1992-2007 Employed by MSU teaching code class and advanced training using the program material from Michigan State University. Workbook and reference material authored by Doctor Truman Surbrook and Jon Althouse.

Education:

Lake Geneva High School- Graduated - 1958
Lake Geneva, WI.

Radio Television & Electronics School (RETS) Graduated 16 May 1969
Detroit, MI.

Various adult education classes in the electrical field: Certificates of completion available.

Michigan Electrical Inspectors School- (sponsored by the International Association of Electrical Inspectors) Graduated 1985.

License/Registration:

Licensed Journey level electrician 19 Feb. 1971 (RECI License - Transferred to State)

Licensed Master electrician 16 May 1974 (RECI License - Transferred to State) #6211351

Registered with the State of Michigan as Electrical Inspector and Plan Reviewer since the inception of Public Act 54 of 1986. Reg# 000787.

Register Instructor with State of Michigan as an instructor for programs under the requirements of Act 54. Instructor registration #100

Organizations associated with:

Reciprocal Electrical Council Inc.- Past President and Board member and currently hold the position of Board Member.

International Association of Electrical Inspectors-

Member since 1974 Past President and currently seated on the Board of the Michigan Chapter Pro-Tem Committee.

Personal Paragraph:

I enjoy speaking in front of a group and sharing what I have learned by my experience and listening to others.

Hobbies include amateur radio, gardening, and experimenting with computer possibilities.

Married 50 years and have 2 daughters. I have lived in the same home for 40 years.

I consider myself an easy going type of person with above normal patience for people I have dealings with. I think you could say that I am slow to anger and have firm conviction for what I feel is correct. I am willing to listen and open to suggestions.

References available upon request.

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Based on Interpreting the National Electrical Code 8th Edition by Truman C. Surbrook & Jonathan R. Althouse

Unit 1

General Wiring and Fundamentals

- Wire Dimensions

- Formulae

- Ohms law

- AC and DC

- Definitions

- Wiring methods

- Tables 8 & 9

Unit 2

Wire, Raceway and Box Sizing

- Identifying raceways and Cable methods

- Box fill

- Parallel conductor installations

- Neutral wire calculations

- Wiring methods in detail

Unit 3

Outlet, Lighting, Appliances and Heating

- Switches

- Receptacles

- Space Heating equipment

- Appliances

- Class 1, 2 and 3 remote-control, signaling and power-limited circuits

Unit 4

Service and Feeder Calculations

- Examples- Residential, Commercial

- Optional calculations

Unit 5

Grounding & Bonding

- Sizing of conductor for bonding and grounding

- Swimming pools

- Equipment grounding

- System grounding

Unit 6

Overcurrent Protection

- Switchboards and Panelboards

- Interrupting ratings

- Feeder Taps

Unit 7

Motor-Circuit Wiring

- Motor name plate

- Motor circuits

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Overloads v. Fault Current

Starter control wiring

Unit 8

Transformers

Types of Transformers

Overcurrent protection for transformers

K-rated transformers

Disconnects for transformers

Unit 9

Hazardous Location Wiring

Class I, II and III Wiring

Intrinsically Safe wiring

Types of hazardous location

Sealing Fittings

Unit 10

Health Care Facilities

Definitions

Receptacles

GFCI and GFPE Equipment required

Hospital required Electrical Systems

Unit 11

Emergency and Alternate Power Systems

Batteries

Fuel Cells

Fire Pumps

Generators

Unit 12

Industrial Electrical Applications

Cable Tray

Welders

Equipment over 600v

Industrial Machinery

ITC

Unit 13

Commercial Wiring Applications

Cellular Floor Raceways

Place of Assembly

Electric Signs

Manufactured Wiring System

Unit 14

Special Applications Wiring

Communications wiring

Electrical Vehicle charging systems

Carnivals, circuses, fairs and similar events

Miscellaneous

Part 8 Rules

Electrical Exam Preparation for the 2008 Michigan Electrical Code

Amendments to NEC

PA 217

License renewal

Failing the exam

PA 230

Construction requirements

Limitations

Michigan Residential Code

Priority of codes

O'Donnell, Daniel (LARA)

From: O'Donnell, Daniel (LARA)
Sent: Thursday, August 11, 2011 8:06 AM
To: 'George Little'
Subject: RE: Exam Prep Class

Hi George,

I did find your e-mail regarding your exam prep class. I'm sorry but I did not realize you were looking to have your course approved at the August board meeting. It was a little late anyway and I will need some additional information from you. Please provide the books and other material you will be using as part of your classroom instruction. In addition I will need you to provide a short bio with your past teaching experience relative to the subject matter in the exam prep course you are submitting to the board for approval. If you have any questions give me a call. Thanks George.

Dan O'Donnell
Chief, Electrical Division

-----Original Message-----

From: George Little [mailto:
Sent: Sunday, July 24, 2011 4:42 PM
To: O'Donnell, Daniel (DELEG)
Subject: Exam Prep Class

Dan, per our phone conversation I have put together a possible class for exam prep as well as a class suitable for a student to attend who needs a class after failing to pass his exam. Please review the attachment and let me know if this is something you see as suitable for this purpose. I have talked to Truman about this and as you may or may not know I have taught for Truman for many years in the past and this will be something I look forward doing again.



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 30

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by William J. Palermo to sit for the master electrician examination

APPLICANT REPRESENTATIVE:

William J. Palermo

PROJECT:

N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the master electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec 3a. (c), MCL 338.883c Sec. 3c. (1) a,b,c,d,e, and Electrical Administrative Board General Rules, R338.1004a Rule 4a. (1), (a), (b), (2), 338.1006a Rule 6a. (1), (2)

FINDINGS:

Mr. Palermo submitted an application to the Electrical Division to sit for the State of Michigan master electrician examination. The application was received by our office on August 23, 2011. After reviewing Mr. Palermo's application it was determined that

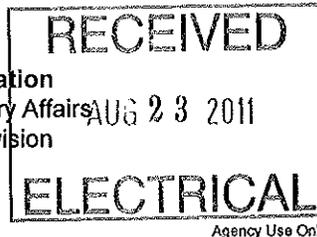
Providing for Michigan's Safety in the Built Environment

additional information would be needed and a letter was sent to Mr. Palermo on September 21, 2011 requesting that information. The department received some of the requested additional information on September 30th, 2011. Mr. Palermo has a journeyman license #D608407 listed on his examination application however that number is his International Brotherhood of Electrical Workers (IBEW) receipt and is not a license issued by the State of Illinois. Mr. Palermo does currently hold several different electrical licenses including a State of Wisconsin master electrician license and a supervising electrician license from the City of Chicago.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Palermo has attained as well as his current license status in the States of Illinois and Wisconsin to determine whether that training and experience is equivalent to that required to qualify for the master electrician examination in the State of Michigan.

Application for Master Electrician Examination
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Electrical Division
 P.O. Box 30255, Lansing, MI 48909
 517-241-9320
 www.michigan.gov/bcc



6217523

Examination Fee: \$100.00 (nonrefundable)

Authority: 1958 PA 217
 Completion: Mandatory
 Penalty: Examination will not be given

LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Instructions:

- See back of application for qualifications for examination.
- Complete and sign application. Type or print in ink.
- Application and fee must be received 20 business days prior to the examination date.
- Applicant must not be less than 22 years of age.
- Provide *original notarized* statements from current and past employers documenting required experience with this application. Statements must be on employers' letterhead stationery and include the dates and hours of employment (see qualifications on back of application) and names and license numbers of supervising master electricians. Be sure that all statements are *notarized*.
- Enclose a check made payable to the State of Michigan.
- Mail completed application, required documents, and payment to the address listed above.

Applicant Information

NAME (Last Name, First Name, Middle Initial) Palermo William J.		DATE OF BIRTH	LAST 4 DIGITS OF SOCIAL SECURITY NUMBER*
ADDRESS	CITY	TOWNSHIP	N/A
COUNTY	STATE	ZIP CODE	TELEPHONE NUMBER (Include Area Code)
Dupage	IL.		
JOURNEYMAN LICENSE NUMBER	NUMBER OF YEARS JOURNEYMAN LICENSE HELD	LICENSING JURISDICTION	
D608407	31	Chicago, IL.	

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:

City of _____ Township of _____

Examination Site

Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.

<u>Preferred Site</u>	<u>Preferred Month</u>
<input checked="" type="checkbox"/> Lansing	<u>November</u>
<input type="checkbox"/> Escanaba	_____

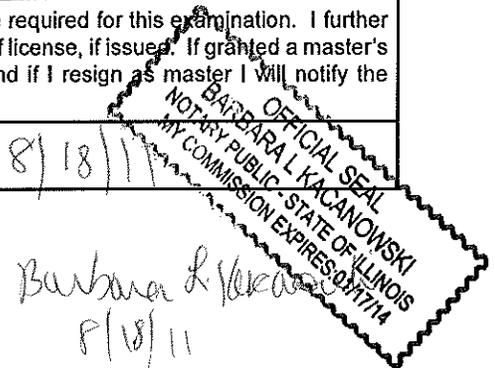
If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation. Forms are available from this office.

Certification and Signature

I certify the information is true and accurate to the best of my ability and I have the experience required for this examination. I further understand falsification of any statement is cause for rejection of this application or revocation of license, if issued. If granted a master's license, I swear I will not represent as master more than one person, firm, or corporation and if I resign as master I will notify the electrical administrative board within 10 business days.

APPLICANT'S SIGNATURE: *[Signature]* DATE: **8/18/11**

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.



Qualifications for Examination

To qualify for a master electrician license examination, a person shall meet the following criteria:

- (a) Provide an *original notarized* statement from present or past employers to demonstrate the attainment of 4,000 hours in not less than 2 years of practical experience under the supervision of a master electrician, subsequent to initial journeyman license issue date.
- (b) If the journeyman license was not issued by the board (department), provide a copy of the license that was issued by a municipality providing for licensing pursuant to the provisions of section 6 of the act or a statement from the licensing authority that verifies the license issue date shall be furnished.

Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a master electrician in another state or country may qualify for examination upon a determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan. Refer to information packet.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a passing score of 75% or higher, the applicant will be billed \$50.00 for the master electrician license prior to issuance of the license.

A separate license is required for an electrical contractor.



Agency Use Only

Approved for Exam Yes No

Date of Exam	Score	Absent	Date of Exam	Score	Absent

Validation Area

Tran Info:103 17061570-1 08/22/11
 Chk#: 48902 Amt: \$100.00
 ID: ARCO ELECTRIC CO

Date Approved by EAB _____



3333 E. 143RD STREET • BURNHAM, ILLINOIS 60633 • (708) 891-7000 • FAX (708) 891-9930

Michigan Department of Energy, Labor & Economic Growth
Bureau of Construction Codes / Electrical Division
P.O. Box 30255
Lansing, MI. 48909

Dear Sirs:

William J. Palermo has worked for Arco Electric Company since June 4, 1980. He is currently employed by our company.

Hours worked:

2005 – 2120 Hours worked
2006 – 2040 Hours worked
2007 – 2080 Hours worked
2008 – 2120 Hours worked
2009 – 2047 Hours worked
2010 – 1208 Hours worked
2011 – 992 Hours worked to date

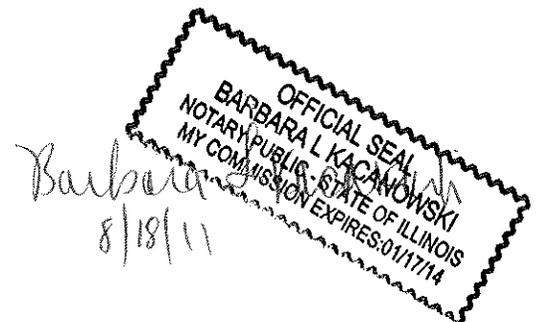


Description of Duties:

Responsible for installing, operating, repairing and maintaining electrical systems, install wiring, run all types of conduit, use a variety of hand and power tools, repair/replace wiring, circuit breakers, relays, switches, troubleshooting, Operations Manager and Supervising Electrician.

Sincerely,

Cathy A. Targos
President



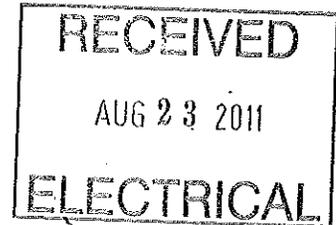
Notification of Electrical Examination Results
Department of Energy, Labor & Economic Growth
Bureau of Construction Codes
Electrical Division
P.O. Box 30254
Lansing, Michigan 48909
517-241-9320

Examination Date
11/10/2009
CONTRACTOR'S EXAMINATION

Score
95%

William J Palermd
;
v

BCC-791 (Rev. 5/09) Front





3333 E. 143RD STREET • BURNHAM, ILLINOIS 60633 • (708) 891-7000 • FAX (708) 891-9930

Michigan Department of Energy, Labor & Economic Growth
Bureau of Construction Codes / Electrical Division
P.O. Box 30255
Lansing, MI. 48909

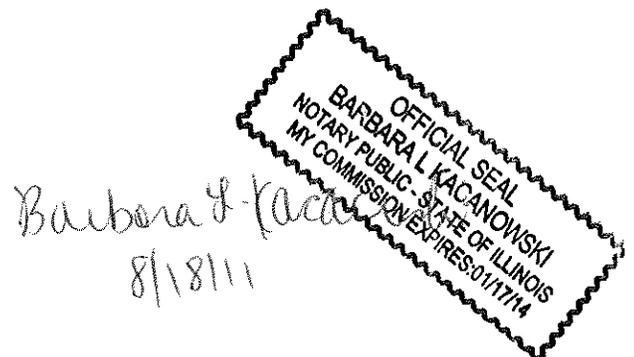
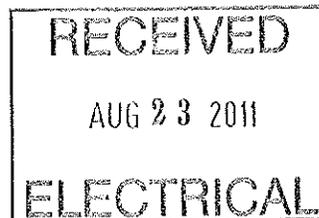
Dear Sirs:

William J. Palermo is Supervising Electrician # SE4277 for the City of Chicago. Please review attached copy of City of Chicago's Department of Buildings Supervising Electricians License and Certificate of Registration for Registered Electrical Contractor.

William also took exam for Lake County Electrical Contractors License, please see attached test score and exam requirements.

Sincerely,


Cathy A. Targos
President



FORM 1

MEMBER'S
COPY

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS
OFFICIAL RECEIPT

SERIES M-01

Chk# 0000005376

Ct1#603027352

Bal \$0.00

N. Bal \$0.00

I.O. PORTION		LOCAL UNION PORTION		PAID	
AMOUNT	CODE	AMOUNT	CODE	DATE	TOTAL
39.00	9	200.40	10	06/22/2011	291.40
42.00	25	10.00	31		

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	L.U. NO.	MEMB. TYPE		DATE PAID THRU
						X	X	X				0134	A	BA	03/2011
REC'D OF												CARD NO.			
William J Palermo												JRNMAN WIREMAN			
												TRADE CLASSIFICATION			
												Timothy Foley			
												FINANCIAL SECRETARY			

RECEIVED

AUG 23 2011

ELECTRICAL

RECEIVED
AUG 23 2011
ELECTRICAL



Rahm Emanuel, Mayor

Certificate of Registration
issued by the
Department of Buildings
of the City of Chicago

Certificate No: ECC27465-18

This is to Certify that ARCO ELECTRIC CO. - ECC27465
located at 3333 E. 143RD ST. BURNHAM, IL 60633-
having complied with the requirements of Ordinances passed by the City Council of the City of Chicago
providing for the registration of electrical contractors is hereby recorded as a

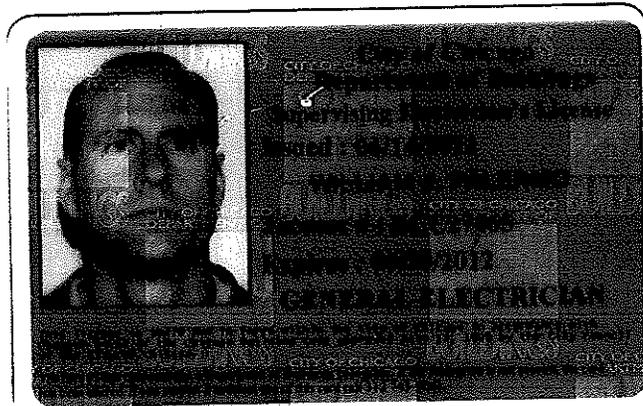
REGISTERED ELECTRICAL CONTRACTOR
General Electrician

and is entitled to perform electrical work in the City of Chicago under the Direction of Supervising Electrician
provided that such work permits are subject to the provisions of all the Ordinances of the City of Chicago
now in force or which may be hereafter passed. This certificate EXPIRES June 30, 2012.

SUPERVISING ELECTRICIAN: WILLIAM J. PALERMO - SE4277
In Witness Whereof I have hereunto set my hand on June 2, 2011.

Michael J. Merchant, Commissioner

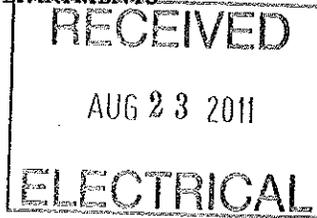
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AUG 23 2011
ELECTRICAL





LAKE COUNTY PLAN COMMISSION
PLANNING & BUILDING DEPARTMENTS
2293 N. MAIN STREET
CROWN POINT, IN 46307

755-3700
755-3701
374-5955
24 HOUR ANSWERING SERVICE 755-3702



November 20, 2007

Arco Electric Company
William Palermo

CONTRACTOR'S LICENSING BOARD APPEARANCE

Dear Applicant:

Please be advised, you received a passing grade of 80% on the examination for your Unincorporated Lake County Electrical Contractor's License. You are now scheduled to appear before the Contractor's Licensing Board as follows:

DATE: December 21, 2007

TIME: 8:30 a. m.

Please note, the following items must be submitted to this office no later than 1:00 p.m. on Friday, December 14, 2007 for agenda placement.

1 (one) copy of your ORIGINAL RECORDED Bond and Continuation Certificate in the amount of \$5,000.00; and

1 (one) copy of your Certificate of Insurance in the amount of \$500,000.00 Property Damage & \$500,000.00 Personal injury or an umbrella for one (1) million.

***** Please make sure bond and insurance have the scope of work *****

Also, be aware that if the Board approves your License, the \$100.00 licensing fee will be required at that time.

If you have any questions regarding this matter, please feel free to contact this office.

Respectfully,

LAKE COUNTY PLAN COMMISSION

Building Official

mek

ILLINOIS Jesse White Secretary of State
DRIVER'S LICENSE

WILLIAM J PALERMO

lic. No.:
DOB:
Expires: 11-15-12
Issued: 09-04-08

Class: DM
End:
Rest:
Type: DRG

11-15-12

WJ P

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AUG 23 2011
ELECTRICAL



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

September 21, 2011

William J Palermo

Dear Mr. Palermo:

Your application for the November electrical examination cannot be approved.

A person who is licensed as a master or journeyman electrician in another state or country may qualify for examination upon a determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan. If you wish to appeal to the Electrical Administrative Board, please do so in writing and provide the following information:

1. Provide a copy of your current journey or master license and the licensing requirements for the city, township, village, county, state, or country that issued your current electrical license
2. Provide copies of the electrical contractor's license that provided your employment and the qualifying master electrician's license for verification.
3. A copy of the licensing requirements for the city, township, village, county, state or country that issued the license for the master electrician that supervised you.
4. A copy of the license requirements for the city, township, village, county, state or country that issued the license for the contractor who provided your employment.
5. Provide a copy of your certificate of completion from the JATC.

Please provide a copy of this letter along with any documentation to our office no later than October 5, 2011 to be scheduled for the November 3, 2011 Electrical Administrative Board meeting.

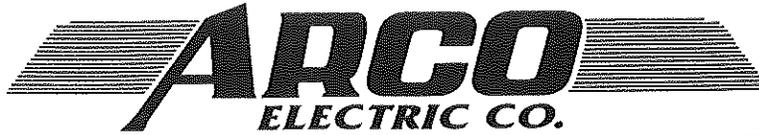
An application that is denied, forfeits all fees paid as outlined in Rule 338.1002a of the General Electrical Administrative Board Rules.

Please contact the Electrical Division at 517-241-9320 if you have any questions.

Sincerely,

Evie Livingston, Departmental Technician
Electrical Division

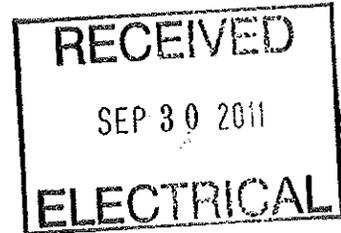
Providing for Michigan's Safety in the Built Environment



3333 E. 143RD STREET • BURNHAM, ILLINOIS 60633 • (708) 891-7000 • FAX (708) 891-9930

September 27, 2011

Department of Licensing and Regulatory Affairs
Bureau of Construction Codes



Dear Sir/Madam,

I would like to confirm that I have applied for Master Electrician Examination. I have already taken the Contractors Examination and passed with a score of 95%.

Sincerely,

A handwritten signature in black ink, appearing to read "WJ Palermo".

William J. Palermo



LICENSE

No. 8

\$ 150.00

In Consideration of One-Hundred Fifty-Dollars & 00/100---- Dollars

By Authority of the

Village of Burnham

License is Hereby Granted to Arco Electric

To Operate an Electrical Business

For Term of PBL

Commencing This 10th day of November 2010
(year)

and Ending on the 31st day of December 2011
(year)

In said Village, subject to the Ordinances of said Village in such case made and provided.

WITNESS the hand of the Mayor of said Village

and the corporate seal thereof, this 17 day of November 2010
(year)

Attest: Robert E. Pa...
Nancy Dobrowolski

RECEIVED
SEP 30 2011
ELECTRICAL

PERMIT No. 11-115

STATE OF ILLINOIS, Village of Crestwood
Cook COUNTY

Permission is hereby given to

Name Arco Electric Co.
Address 3333 E. 143rd St. Burnham, IL 60633
To Electrical Contractor
From 1/7/2011 to 12/31/2011

Given under my hand and the Corporate Seal of said
Village of Crestwood this 7th day of January
2011

Nancy G. Benedetto

ATTEST: _____

997P J. PETRONI & CO

RECEIVED
SEP 30 2011
ELECTRICAL



BY AUTHORITY OF THE
CITY OF CHICAGO HEIGHTS

STATE OF ILLINOIS
CITY CLERK'S OFFICE
1601 CHICAGO ROAD
CHICAGO HEIGHTS, IL 60411

RECEIVED
SEP 30 2011
ELECTRICAL

City of Chicago Heights
Established 1892

THIS LICENSE MUST BE POSTED IN A CONSPICUOUS PLACE

5662

ISSUED

06/18/2011

EXPIRES

04/30/2012

LICENSE IS HEREBY GRANTED TO:

DOING BUSINESS AT:

ARCO ELECTRIC CO
3333 E 143TH ST
BURNHAM IL 60633

Business ID: 5662
ARCO ELECTRIC CO
3333 E 143TH ST
BURNHAM IL 60633

1 CONTRACTOR

TOTAL

\$100.00
\$100.00

Crossroads of the Nation

2011

2012

in the City of Chicago Heights, County of Cook, State of Illinois on the express condition that Licensee shall observe and obey the laws of the State and the Ordinances of the City of Chicago Heights, as are now in force or may here-after be enacted. This License is not transferable and is subject to summary revocation in case the Licensee violates the laws and ordinances then in force and in effect.

Given under the hand of the Mayor and City Clerk of said City this 30th day of April, 2011.

David A. Gargely

Mayor

Jan Wulcan

City Clerk

REGISTRATION # 10-262

VILLAGE OF CHANNAHON

THIS CERTIFIES THAT

ARCO ELECTRIC COMPANY

HAS FULFILLED THE REQUIREMENTS
OF THE VILLAGE OF CHANNAHON
TO PERFORM IN THE CORPORATE LIMITS FROM
OCTOBER OF 2010 THROUGH OCTOBER 2011

AS A

ELECTRICAL

CONTRACTOR AND IS HEREBY REGISTERED WITH THE
VILLAGE OF CHANNAHON

MICHAEL MC MAHON
DIRECTOR OF
COMMUNITY DEVELOPMENT

David Cavanaugh
DAVID CAVANAUGH
CHIEF BUILDING OFFICIAL

RECEIVED

SEP 30 2011

ELECTRICAL

CERTIFICATE OF REGISTRATION

ISSUED BY THE
DEPARTMENT OF BUILDING AND ZONING
OF COOK COUNTY

FIRM NAME: ARCO ELECTRIC CO.
3333 E 143RD STREET
BURNHAM, ILLINOIS 60633

TYPE OF CONTRACTOR: ELECTRIC

REGISTRATION NO.: 007073

DATE ISSUED: JANUARY 11, 2011 FEE PAID: \$37.50 VALID TO: NOVEMBER 30, 2011



Donald H. Wlodarski

BUILDING AND ZONING COMMISSIONER
DONALD H. WLODARSKI

Thank you for registering as a Contractor with the Cook County Department of Building and Zoning. Please be advised that you should retain the Certificate of Registration above in your office. The Contractor's Registration Card (lower right hand corner) must be kept on your person and you may be required to produce this card at times for Inspectors of the Department of Building and Zoning.



ARCO ELECTRIC CO.
3333 E 143RD STREET
BURNHAM, ILLINOIS 60633

DEPARTMENT OF BUILDING & ZONING
OF COOK COUNTY

TONI PRECKWINKLE DONALD H. WLODARSKI
President of the Board of Commissioner of Building and
Commissioners of Cook County Zoning of Cook County

CONTRACTOR REGISTRATION CARD
ARCO ELECTRIC CO.

Firm _____
Address 3333 E 143RD STREET BURNHAM, ILLINOIS
Owner C CORPORATION
Type of Contractor ELECTRIC

Authorized Member of Firm _____
Registration No. 007073 Valid to Signature NOVEMBER 30, 2011
Donald H. Wlodarski

By Authority of the
CITY OF NAPERVILLE
NAPERVILLE, ILLINOIS 60540

ELECTRICAL CONTRACTOR REGISTRATION

IS HEREBY ISSUED TO

PALERMO, WILLIAM

DBA **ARCO ELECTRIC CO**

VALID FROM **1/01/11** TO **12/31/11**

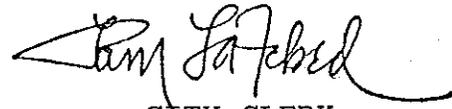
LICENSE RESTRICTIONS:

INDUSTRIAL/COMMERCIAL



LICENSE NO. **11-00005618** DATED ISSUED: **1/01/11** FEE PAID: **50.00**

PALERMO, WILLIAM
ARCO ELECTRIC CO
3333 E. 143RD ST.
BURNHAM IL 60633--000



CITY CLERK

A/C#: 0006384

2011

ID: 1125567

WILLIAM JOHN PALERMO

Certification, License, or Registration Name

Expires

Master Electrician Certification

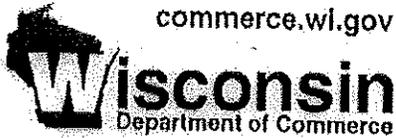
06/30/13



Wisconsin Department of Commerce

Signature: *William John Palermo*

RECEIVED
SEP 30 2011
ELECTRICAL



Remit to:
State of Wisconsin
Department of Commerce-Credentialing
P.O. Box 78780
Milwaukee WI 53293-0780
Phone (608) 261-8467
TTY: Contact Through Relay
madisoncred@commerce.state.wi.us
7:45 a.m. - 4:30 p.m.

January 28, 2010

WILLIAM JOHN PALERMO



Re: Customer ID: 1125567
Examination for: Master Electrician Certification

Revenue Code: 7631

Your score was: 74%

Congratulations, you have passed all examination requirements for the credential listed in the regarding line above.

To obtain this credential send a check for \$170.83 and a copy of this letter to the address listed above. Make checks payable to Department of Commerce. The credential fee has been prorated to reflect a portion of the entire credential fee if the credential expires on a specific date. If the credential fee is not received by the department within three months (90days) of this notice, the department will require the applicant to submit a new application and retake the exam.

If you wish to come in and pay for your license, our office address is 201 W Washington Ave., Madison, WI 53703.

Upon receipt of the credential fee, the credential card will be mailed to you within 15 business days.

Please refer to your initial application or chapter Comm 5 for detailed information about renewal and/or continuing education requirements. A renewal notice will be mailed to the last address the department has on file for you, at least 30 days prior to your renewal date.

Please notify the Customer Service Center of changes in name, address and phone number to ensure proper delivery of future mail. Mailings sent from this office and not forwarded to a current address are not the responsibility of the department.

If you have any questions, please call.

Please verify your social security number (make corrections as necessary):

After receipt of your credential card, you may engage in the activities it permits. For necessary program materials, such as forms and worksheets, go to our website, www.commerce.wi.gov/sb, or contact us at telephone (608) 261-8467.

Customer Service Center
Phone: (608) 261-8467
TDD: (608) 264-8777

Reason for Credential: A person who holds a credential issued by the department as a certified electrical contractor, certified electrical contractor-restricted, certified master electrician, certified journeyman electrician or certified beginning electrician may perform electrical construction work in a municipality which requires licensure to perform electrical work pursuant to s. 101.87 (2) to (4), Stats., and in accordance with local ordinances. Chapter Comm 5 establishes a statewide certification of electricians in various classes, master, journeyman and beginning, recognizing their knowledge and abilities. When an electrician certification is required and what category of certification is needed are determined by individual municipalities.

Requirements of Credential: No person may advertise as a certified electrical contractor, certified master electrician, certified journeyman electrician or certified beginning electrician unless the person holds the appropriate credential. A person who holds the credential shall carry on his or her person the credential issued by the department while performing or conducting the activity or activities permitted under the credential.

Qualifications for Examination: A person applying for a master electrician certification examination shall have at least 1,000 hours per year of experience for at least 7 years in electrical construction work. If a person has successfully completed semesters in a school of electrical engineering or other accredited college, university, technical or vocational school in an electrical-related program, the applicant may claim 500 hours of experience for each semester up to a total of 3,000 hours and 3 years toward the required experience.

The Time Period does not have to be consecutive years from one row to the next. In the Time Period column fill in the beginning month and year and the ending month and year in which the experience hours were completed. In the Experience Hours column fill in the number of hours claimed for that time period but do not record more than 1000 hours in the column even if you worked more than 1000 hours. If the hours were witnessed by more than one person, the hours witnessed by each person must be filled in on separate rows. Photocopies of this page may be made if you need additional room or would like to mail to witnesses to sign. The witness must have observed or had knowledge of the number for work hours performed in electrical construction. Electrical construction means the installation of electrical wiring. Electrical construction does not include the maintenance, repair or fabrication of electrical equipment or the installation of electrical wiring and equipment covered by ch. PSC 114.

Time Period		Experience Hours	Hours Witnessed by (please print or type)	Signature of Witness	Telephone Number of Witness
Began Month/Yr	Ended Month/Yr				
1/03	12/03	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/04	12/04	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/05	12/05	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/06	12/06	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/07	12/07	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/08	12/08	1000	Cathy Targos	Cathy A. Targos	708-891-7000
1/09	present	1000	Cathy Targos	Cathy A. Targos	708-891-7000
N/A	N/A	N/A	N/A	N/A	N/A

For each semester in a school of electrical engineering or an electrical-related program, specify the beginning and ending date of the semester, record 500 hours of experience, write the name of the school, and ATTACH a copy of the official transcripts from the school to this form. No experience hours should be recorded if official transcripts are unavailable. This must be full-time schooling, not part time or evening classes.

Time Period		Experience Hours	Name of School
Began Month/Yr	Ended Month/Yr		

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In order to obtain the credential the applicant must obtain a score of at least 70% on an examination. The exam will cover information contained in chapters Comm 5 and Comm 16 (Electrical Code-Vol. 2), Wisconsin Administrative Code and the 2008 National Electrical Code. The exam is open book. Copies of current Wisconsin Administrative Codes may be obtained from Document Sales @ (608) 266-3358 or @ (800) 362-7253. Copies of current National Electrical Codes may be purchased from the National Fire Protection Association @ (800) 344-3555.

When there is a change to Wisconsin Administrative Codes, exams will cover the new code one month after the effective date. Current code development projects can be viewed here: <http://commerce.wi.gov/SB/SB-CodeDevelopment.html>

Exam Name: Master Electrician	This is a 4-hour exam
Daytime Phone Number:	708-372-2528

Scheduling 2009/2010 exams: S&B offers exams on Saturday once each month in 10 cities and on specific week days in 2 cities. To schedule an exam:

- Choose a city and put a check mark behind the date you would like to take the exam. Record a telephone number where you can be reached during the day in case that exam is filled.
- Submit the fee and this application to the division at least 30 days in advance of the exam date chosen. Keep a copy of this application for your records.
- If special accommodations are needed, contact Safety and Buildings, 608-261-8467, prior to submitting your application.
- You will receive a letter from S&B when division staff processes your exam request. You will receive a second confirmation letter about a week before the exam date for those cities and dates that are shown below without a location noted.*

*Exams follow the same rules as the exams proctored by Safety and Buildings staff. The specific exam location, which changes due to varying numbers of registrants, will be confirmed for attendees in a letter from OSER about one week before the exam. Contact OSER with any questions after receiving the final confirmation letter, by phone, 608-267-1013 or email wicertexams@wisconsin.gov. Exams will no longer be offered at Saturday locations after December 13, 2009.

Weekday Exams 2010

Select one: AM (Starts at 8 a.m.) or PM (Starts at 1 p.m.)

Pewaukee - Country Springs Hotel & Conference Center, 2810 Golf Road, Pewaukee, WI 53072

January 26 February 24 March 17 April 21 May 25 June 23 July 28 August 25
September 8 October 29 November 24

Green Bay - Comfort Suites & Rock Garden Conference Center, 1951 Bond Street, Green Bay, WI 54303

February 9 April 14 June 9 August 11 October 5 December 8

Tomah - Cranberry Country Lodge & Conference Center, 319 Wittig Road, Tomah, WI 54660

March 10 May 12 July 7 September 22 November 10

Saturday Exams 2009

Ashland - A letter confirming the date, time and specific location will be sent to you.*
December 12

Eau Claire - A letter confirming the date, time and specific location will be sent to you.*
December 12

Fond du Lac - A letter confirming the date, time and specific location will be sent to you.*
December 12

Green Bay - A letter confirming the date, time and specific location will be sent to you.*
December 12

Kenosha - A letter confirming the date, time and specific location will be sent to you.*
December 12

La Crosse - A letter confirming the date, time and specific location will be sent to you.*
December 12

Madison - A letter confirming the date, time and specific location will be sent to you.*
December 12

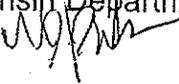
Milwaukee - A letter confirming the date, time and specific location will be sent to you.*
December 12



Credential Unit
Safety and Buildings Division
201 W Washington Ave, 4th floor
PO Box 7082
Madison WI 53707-7082
Phone: (608) 261-8467
TDD: (608) 264-8777
Fax: (608) 267-0592
madisoncred@commerce.state.wi.us

WILLIAM JOHN PALERMO
ARCO ELECTRIC COMPANY
3333 E 143RD STREET
BURNHAM IL 60633

This is your new Certification, License, or Registration Card.

ID: 1130551	
ARCO ELECTRIC COMPANY	
Certification, License, or Registration Name	Expires
Building Contractor Registration	02/01/14
Wisconsin Department of Commerce	
Signature: 	



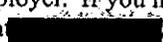
*** Please check your credentials to see if they require continuing education prior to your next renewal.***

Peel the credential card from the letter. Sign the card!

Show the card to whomever requests proof that you hold a credential administered by the Safety and Buildings Division.

This card should indicate other Department of Commerce certifications, licenses, or registrations you currently hold. Destroy all previous cards that have a credential category which also appears on this card. Please review the information on the card. If errors or discrepancies are found, contact the S&B Credential Unit, 608-261-8467. You can also send an email to S&B, madisoncred@commerce.state.wi.us. Be prepared to give the S&B staff person the ID number printed on the card. S&B should also be notified of changes in addresses as they occur. Notification of address changes is the responsibility of the credential holder.

A renewal notice will be sent to the address on file with S&B about 30 days before the expiration date of each credential indicated on the card. Renewals are contingent upon compliance with the requirements specified in Comm 5, Wisconsin Administrative Code.

The Department of Commerce is an equal opportunity service provider and employer. If you need assistance to access services or need material in an alternate format, please contact the department at  or TDD 608-264-8777.

608-261-8467

SBD-10183 (R.03/08)



LAKE COUNTY PLAN COMMISSION
PLANNING & BUILDING DEPARTMENTS
2293 N. MAIN STREET
CROWN POINT, IN 46307

755-3700
755-3701
374-5955
24 HOUR ANSWERING SERVICE 755-3702

November 20, 2007

Arco Electric Company
William Palermo

CONTRACTOR'S LICENSING BOARD APPEARANCE

Dear Applicant:

Please be advised, you received a passing grade of 80% on the examination for your Unincorporated Lake County Electrical Contractor's License. You are now scheduled to appear before the Contractor's Licensing Board as follows:

DATE: December 21, 2007

TIME: 8:30 a. m.

Please note, the following items must be submitted to this office no later than 1:00 p.m. on Friday, December 14, 2007 for agenda placement.

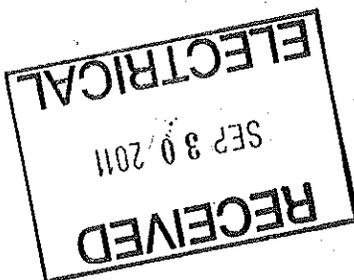
1 (one) copy of your ORIGINAL RECORDED Bond and Continuation Certificate in the amount of \$5,000.00; and

1 (one) copy of your Certificate of Insurance in the amount of \$500,000.00 Property Damage & \$500,000.00 Personal injury or an umbrella for one (1) million.

***** Please make sure bond and insurance have the scope of work *****

Also, be aware that if the Board approves your License, the \$100.00 licensing fee will be required at that time.

If you have any questions regarding this matter, please feel free to contact this office.



Respectfully,

LAKE COUNTY PLAN COMMISSION

Building Official

mek



Rahm Emanuel, Mayor

Certificate of Registration

issued by the
Department of Buildings
of the City of Chicago

Certificate No: ECC27465-18

This is to Certify that
ARCO ELECTRIC CO. - ECC27465
located at
3333 E. 143RD ST. BURNHAM, IL 60633-
having complied with the requirements of Ordinances passed by the City Council of the City of Chicago
providing for the registration of electrical contractors is hereby recorded as a

REGISTERED ELECTRICAL CONTRACTOR
General Electrician

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SEP 30 2011
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and is entitled to perform electrical work in the City of Chicago under the Direction of Supervising Electrician
provided that such work permits are subject to the provisions of all the Ordinances of the City of Chicago
now in force or which may be hereafter passed. This certificate EXPIRES June 30, 2012.

SUPERVISING ELECTRICIAN: WILLIAM J. PALERMO - SE4277
In Witness Whereof I have hereunto set my hand on June 2, 2011.

Michael . Merchant, Commissioner



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 31

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Rodney S. Stockberger to sit for the master electrician examination

APPLICANT REPRESENTATIVE:

Rodney S. Stockberger

PROJECT:

N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the master electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec 3a. (c), MCL 338.883c Sec. 3c. (1) a,b,c,d,e, and Electrical Administrative Board General Rules, R338.1004a Rule 4a. (1), (a), (b), (2), 338.1006a Rule 6a. (1), (2)

FINDINGS:

Mr. Stockberger submitted an application to the Electrical Division to sit for the State of Michigan master electrician examination. The application was received by our office on September 19, 2011. Mr. Stockberger submitted an application to sit for the State of

Providing for Michigan's Safety in the Built Environment

Michigan journeyman electrician examination July of 2002 and was approved for the September 2002 exam date. Mr Stockberger did not appear for the September 2002 exam and also missed two other exams for which he was scheduled for in December 2002 and October 2003. Mr. Stockbergers master exam application also indicated that he was licensed as a journeyman electrician in the State of Iowa, license #EL-6147-JA as well as a certificate of completion of an electrical code update course with a license #EL-087524, however Mr. Stockberger did not supply a copy of either license. Mr. Stockberger did supply a copy of an electrician license from the City of Creston, Iowa, license # E-1413, which was issued in April of 2005 and renewed each year through June 1, 2009. Mr. Stockberger also supplied information regarding examination requirements however it was not clear what jurisdiction the requirements are from or whether he received his City of Creston Iowa license in accordance with those requirements. Mr. Stockberger did provide several notarized letters from former employers verifying his work experience as well as affidavits of experience completed by former employers. The department did verify with the City of Creston Iowa that Mr. Stockberger did have an electrician license in their jurisdiction.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Stockberger has attained both in the State of Michigan as well as the State of Iowa to qualify for the State of Michigan master electrician examination. According to the information supplied by Mr. Stockberger he held a journey electrician license in the City of Creston, Iowa for approximately four years however it is not clear what the requirements were to qualify for that license. In addition the State of Iowa has several electrical license classifications and again it is not clear whether the master electricians that supervised Mr. Stockberger attained their license to equivalent standards as would be required in the State of Michigan.

Rodney Stockberger

September 14, 2011

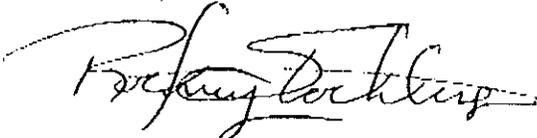
Michigan Dept. of Licensing and Regulatory Affairs
Bureau of Construction Codes / Electrical Division
P.O. Box 30255
Lansing, MI 48909

Dear Sir or Madam,

Please accept this letter as a request to appear before the Electrical Board during the appeal process of my master electrician exam application on November 3rd, 2011.

I look forward to answering all questions and clear up any concerns you may have on my qualifications.

Sincerely,



Rodney Stockberger

Application for Master Electrician Examination
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Electrical Division
 P.O. Box 30255, Lansing, MI 48909
 517-241-9320
 www.michigan.gov/bcc

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 SEP 19 2011
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 Agency Use Only

103

6217528

Examination Fee: \$100.00 (nonrefundable)

Authority: 1956 PA 217 Completion: Mandatory Penalty: Examination will not be given	LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
---	--

Instructions:

- See back of application for qualifications for examination.
- Complete and sign application. Type or print in ink.
- Application and fee must be received 20 business days prior to the examination date.
- Applicant must not be less than 22 years of age.
- Provide *original notarized* statements from current and past employers documenting required experience with this application. Statements must be on employers' letterhead stationery and include the dates and hours of employment (see qualifications on back of application) and names and license numbers of supervising master electricians. Be sure that all statements are *notarized*.
- Enclose a check made payable to the State of Michigan.
- Mail completed application, required documents, and payment to the address listed above.

Applicant Information

NAME (Last Name, First Name, Middle Initial) Stockberger, Rodney, S		DATE OF BIRTH	LAST 4 DIGITS OF SOCIAL SECURITY NUMBER*
ADDRESS	CITY	TOWNSHIP	
		Oronoko	
COUNTY	STATE	ZIP CODE	TELEPHONE NUMBER (Include Area Code)
	Michigan		
JOURNEYMAN LICENSE NUMBER	NUMBER OF YEARS JOURNEYMAN LICENSE HELD	LICENSING JURISDICTION	
EL-6147-JA	2	State of Iowa	

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:
 City of _____ Township of _____

Examination Site

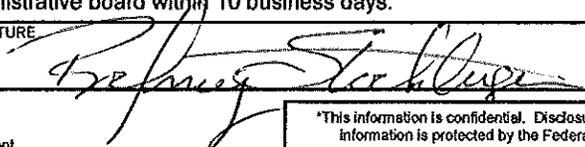
Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.

<u>Preferred Site</u>	<u>Preferred Month</u>
<input checked="" type="checkbox"/> Lansing	<u>November</u>
<input type="checkbox"/> Escanaba	_____

If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation. Forms are available from this office.

Certification and Signature

I certify the information is true and accurate to the best of my ability and I have the experience required for this examination. I further understand falsification of any statement is cause for rejection of this application or revocation of license, if issued. If granted a master's license, I swear I will not represent as master more than one person, firm, or corporation and if I resign as master I will notify the electrical administrative board within 10 business days.

APPLICANT'S SIGNATURE 	DATE 09/14/2011
--	--------------------

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

Qualifications for Examination

To qualify for a master electrician license examination, a person shall meet the following criteria:

- (a) Provide an *original notarized* statement from present or past employers to demonstrate the attainment of 4,000 hours in not less than 2 years of practical experience under the supervision of a master electrician, subsequent to initial journeyman license issue date.
- (b) If the journeyman license was not issued by the board (department), provide a copy of the license that was issued by a municipality providing for licensing pursuant to the provisions of section 6 of the act or a statement from the licensing authority that verifies the license issue date shall be furnished.

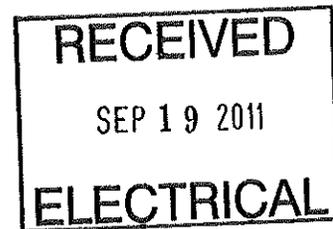
Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a master electrician in another state or country may qualify for examination upon a determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan. Refer to information packet.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a passing score of 75% or higher, the applicant will be billed \$50.00 for the master electrician license prior to issuance of the license.

A separate license is required for an electrical contractor.



Agency Use Only

Validation Area

Approved for Exam Yes No

Date of Exam	Score	Absent	Date of Exam	Score	Absent

Tran Info:103 17113967-1 09/16/11
 Chk#: 09902 Amt: \$100.00
 ID: RODNEY S STOCKBERGER

Date Approved by EAB _____

Rodney Stockberger

September 14, 2011

Michigan Dept. of Licensing and Regulatory Affairs
Bureau of Construction Codes / Electrical Division
P.O. Box 30255
Lansing, MI 48909

Dear Sir or Madam,

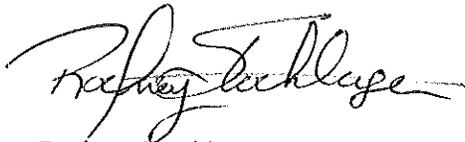
In addition to my application for Master Electrician Examination, I would like to request a temporary license after the acceptance process has been completed.

In your records, you will see in 2003, I had an apprenticeship card and was accepted to take the Journeyman Electrician Exam. If I remember correctly, I postponed taking the exam twice because I was the Job Supervisor for a large project in Mississippi. Each time the exam date came up I was obligated to be there.

During your review of the material I have sent you, may I ask if you will consider any of my time as an electrical contractor in the City of Creston, IA and my employment with Mahle Filter Systems N.A., Inc. in Winterset, IA.? If so, please contact me and I will get the information you need. I included a copy of my contractor license and contractor license renewal information.

Please note in the package I sent you, I included the Iowa Chapter 103 – Electricians and Electrical Contractors. Qualifications for a Class “A” Master Electrician License is in section 103.10 (pg. 7) and continuing education requirements for license renewal is in section 103.18 (pg. 13).

Sincerely,



Rodney Stockberger



Department of Building
CITY of CRESTON, STATE of IOWA

Date 7-1-08 to 6-30-09 No. E-1413

NAME Rodney Stockberger

ADDRESS _____

IS HEREBY LICENSED IN THE CITY OF CRESTON AS A

Electrician - Testing Required...

Ken K...
Building Official

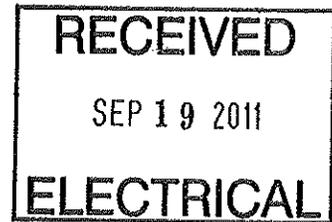
Signature

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SEP 19 2011
ELECTRICAL

POLARITY ELECTRIC, INC.

4922 146th Avenue, Holland, MI 49423
(269) 751-8928 • Fax (616) 395-0802

February 21, 2005



Re: Rod Stockberger - Hours

To Whom It May Concern:

Rod Stockberger was an employee at Polarity Electric, Inc. from 8/96 through 10/00. During this period he acquired 7994 hours working under master electrician, Jeff Smith – No. 6208933.

Please call with any questions or concerns you may have.

Thank you,

Handwritten signature of Jeff Smith in cursive.

Jeff Smith

Handwritten signature of the Notary Public in cursive.

Notary Public

3-2-07

Commission Expires



DeVries Electric Inc.

Electrical Designing & Contracting

ONE PROGRESSIVE DRIVE • P.O. BOX 260 • PELLA, IA 50219 • PH: 641/628-1416 • FAX: 641/628-1499

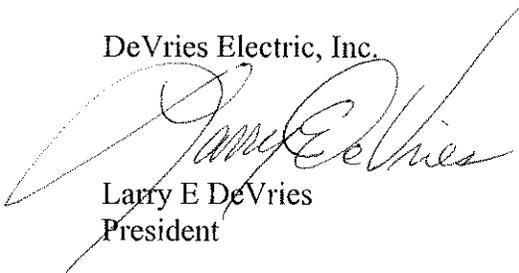
Date: 01-31-05

To Whom It May Concern:

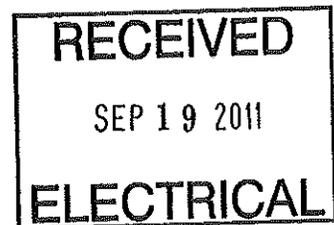
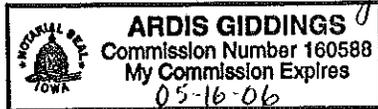
The employee herein listed, Rod Stockberger, has been under the employment of DeVries Electric, Inc. of Pella, Iowa in the position of Electrician for 2683 hours.

He has performed numerous duties and responsibilities, and his work has been performed in a professional workmanship-like manner, and under compliance of the latest codes.

DeVries Electric, Inc.


Larry E DeVries
President

Notorized in Marion County in the State of Iowa
by Ardis Giddings



BAKER ELECTRIC INC.



111 S.W. Jackson - Des Moines, Iowa 50315
515.288.6774 - Fax 515.288.2226

email: info@bakerelectric.com

August 29, 2011

To Whom It May Concern
Re: Rodney Stockberger

Rodney Stockberger worked for Baker Electric, Inc. from August 13, 2006 thru December 8, 2006. He had a total of 466 hours as a journeyman electrician under Dave Hearn, Master Class A Electrician, License number EL-32-MA and Contractor License number EL-32-EC. He performed various electrical duties.

Dave Hearn

President

DH:eh



AEC Applied Electronics Corporation

114 E. Main, St. Charles, Iowa 50240 Phone: 641-396-2716 Fax: 641-396-2635 www.aec-corp.com

August 26, 2011

Rod Stockberger

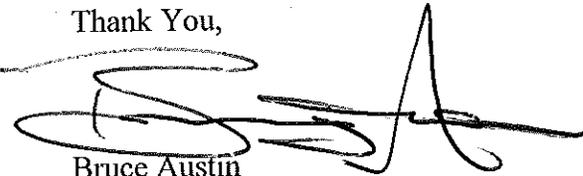
To Whom it may Concern,

I, Bruce Austin, being a Master Electrician (EL-10657-MB) and the owner of Applied Electronics Corp (EL-10657-EC), am providing the following information regarding Rod Stockberger.

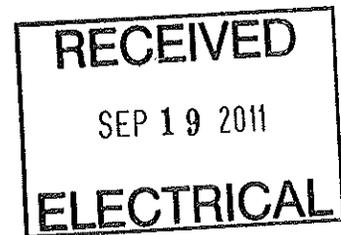
- Start Date – June 4, 2007
- End Date – August 26, 2008
- 2007 Hours – 1,113.41
- 2008 Hours – 1,343.50
- Job Description Enclosed

If you have any questions, please feel free to contact me.

Thank You,

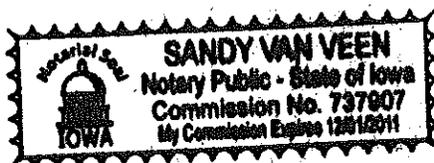


Bruce Austin
President



Enclosures

ba/sv



Sandy Van Veen 8-26-11

APPLIED ELECTRONICS CORP

Electrical Contractor

EL-10657-EC

Expiration

12/31/2013

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SEP 19 2011

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1.0 Essential Functions

- 1.1 Quote projects, parts, and labor to potential customers.
- 1.2 Troubleshoot problems with equipment and implement fixes, on-site or via phone.
- 1.3 Fill out and submit work orders for each job in a timely and accurate manner.
- 1.4 Maintain equipment and work area in a clean, safe, and orderly manner.
- 1.5 Electrical installation: run conduit and wire.
- 1.6 Ability to work with high, medium, and low voltage systems.

**2.0 Additional Responsibilities**

- 2.1 Possible travel, domestic and overseas, to complete projects, fix problems or assist with sales.
- 2.2 Create and maintain training and operation manuals.
- 2.3 Assist other departments as required by management.
- 2.4 Perform other tasks as directed by management.

3.0 Qualifications

- 3.1 Ability to communicate verbally and in writing using the English language commensurate with a minimum 12th grade or higher educational level.
- 3.2 Ability to read, understand and follow electrical schematics.
- 3.3 Must have knowledge of NEC guidelines.
- 3.4 Ability to take initiative and make independent decisions based upon responsibilities.
- 3.5 Electrical license – Master, Journeyman or Apprentice.

4.0 Materials, Tools and Machines used

- 4.1 All hand and portable power tools commonly found in an automation shop.
- 4.2 Experience and ability using a voltage meter.
- 4.3 Basic office supplies and company forms.
- 4.4 Company computer system and basic office equipment.

This job description in no way states or implies that these are the only duties to be performed by this employee. He or she will be required to follow any other instructions and to perform any other duties requested by management. This job description does not constitute an employment contract and employment is on an at-will basis as outlined in the Employee Handbook.

5.0 Physical Requirements

- 5.1 Extended periods of manual repetition at computer keyboard.
- 5.2 Ability to lift and reposition 100 pounds.
- 5.3 Ability to step vertically 19 inches.
- 5.4 Unrestricted movement of all limbs.
- 5.5 Ability to hear within normal audiological range of 20 to 25 db.
- 5.6 Vision correctable to 20/30.

6.0 Environmental Factors Affecting Job

- 6.1 Ability to work inside or outside.
- 6.2 Ability to work in hot or cold climate.
- 6.3 Ability to work in all types of weather conditions (rain, snow, etc.)

7.0 Supervisor's Title

- 7.1 VP of Operations

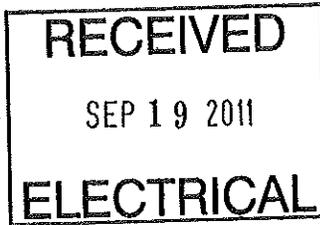


This job description in no way states or implies that these are the only duties to be performed by this employee. He or she will be required to follow any other instructions and to perform any other duties requested by management. This job description does not constitute an employment contract and employment is on an at-will basis as outlined in the Employee Handbook.

AFFIDAVIT OF EXPERIENCE

WRITTEN FOR:
[check one]

- Master Electrician
- Journeyman Electrician
- Residential Wireman Electrician
- Journeyman Plumber



INFORMATION PROVIDED BY:
[check one]

- Electrical Contractor
- Plumbing Contractor
- Code Enforcement Officer
- Union Representative
- Other: _____

I, Jeff Smith, being duly sworn, depose and say that, in my capacity as checked above, I personally know that Rod Stockberger has actually been employed in the trade of electrical as a Journeyman or as an Apprentice for 4 years and 2 months, from Aug 1996 to Oct 2000.

Jeff Smith
(Signature)

Jeff Smith
(Type or Print Name as Signed Above)

(NOTARY SEAL)

MAILING ADDRESS:

e
(Address)

mi
(City) (State) (Zip+4)

(Area Code) (Phone Number)

Jeff Smith Allegan Co.
(Signature)

4/21/05 Comm. Exp 8/2/07
(Date)

Please describe below the type and extent of work experience attributable to applicant. Be as explicit as possible. Please print legibly or type.

EXTENSIVE JOB RUNNING WITH MULTIPLE TASKS.
JOB LAYOUT, WITH DESIGN BUILD EXPERIENCE
VERY KNOWLEDGEABLE WITH N.E.C.
GREAT BACK GROUND WITH MACHINE CONTROL
JOBS CONSIST OF SMALL COMMERCIAL TO VERY
LARGE INDUSTRIAL COMPLEXES.

AFFIDAVIT OF EXPERIENCE

WRITTEN FOR:
[check one]

- Master Electrician
- Journeyman Electrician
- Residential Wireman Electrician
- Journeyman Plumber



INFORMATION PROVIDED BY:
[check one]

- Electrical Contractor
- Plumbing Contractor
- Code Enforcement Officer
- Union Representative
- Other: _____

I, Rick Mannes, being duly sworn, depose and say that, in my capacity as checked above, I personally know that Rodney Steckberger has actually been employed in the trade of Electrician as a Journeyman or as an Apprentice for _____ years and 5 months, from March 2000 to March 2001.

JUSTINE L. LANGELAND
Notary Public, State of Michigan
County of Allegan
My Commission Expires July 20, 2011
A County of Ottawa

(NOTARY SEAL)

Rick Mannes
(Signature)

Rick Mannes
(Type or Print Name as Signed Above)

MAILING ADDRESS:

(Address)

(City) Mi _____
(State) (Zip+4)

(Area Code) _____
(Phone Number)

Justine L. Langeland
(Signature)

5-11-05
(Date)

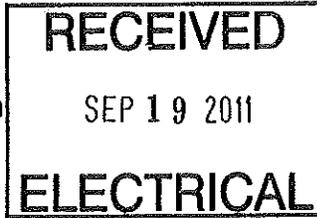
Please describe below the type and extent of work experience attributable to applicant. Be as explicit as possible. Please print legibly or type.

Rod. helped install Electrical controls on automated equipment

AFFIDAVIT OF EXPERIENCE

WRITTEN FOR:
[check one]

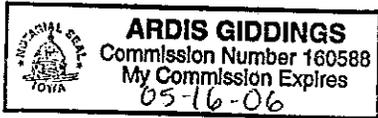
- Master Electrician
- Journeyman Electrician
- Residential Wireman Electrician
- Journeyman Plumber



INFORMATION PROVIDED BY:
[check one]

- Electrical Contractor
- Plumbing Contractor
- Code Enforcement Officer
- Union Representative
- Other: _____

I, Larry E. DeVries, being duly sworn, depose and say that, in my capacity as checked above, I personally know that Rodney Stockberger has actually been employed in the trade of Electrical as a Journeyman or as an Apprentice for 1 years and 3 months, from 4-9-01 to 7-1-02.



(NOTARY SEAL)

Larry E. DeVries
(Signature)

Larry E. DeVries - President

(Type or Print Name as Signed Above)

MAILING ADDRESS:

(Address)

(City)

(State)

50219
(Zip+4)

(Area Code)

(Phone Number)

Ardis Giddings

(Signature)

4-19-05

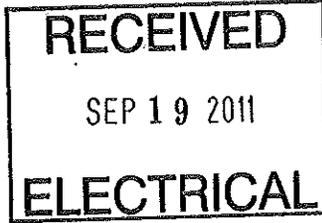
(Date)

Please describe below the type and extent of work experience attributable to applicant. Be as explicit as possible. Please print legibly or type.

AFFIDAVIT OF EXPERIENCE

WRITTEN FOR:
[check one]

- Master Electrician
- Journeyman Electrician
- Residential Wireman Electrician
- Journeyman Plumber



INFORMATION PROVIDED BY:
[check one]

- Electrical Contractor
- Plumbing Contractor
- Code Enforcement Officer
- Union Representative
- Other: _____

I, Rick Mannes, being duly sworn, depose and say that, in my capacity as checked above, I personally know that Rodney Stockberger has actually been employed in the trade of Electrical as a Journeyman or as an Apprentice for 2 yrs years and 5 months, from 7/8/2002 to 12/30/04.

KRISTINE L. LANGELAND
Notary Public, State of Michigan
County of Allegan
My Commission Expires July 20, 2011
Acting in the County of Ottawa

Rick Mannes^M
(Signature)

Rick Mannes
(Type or Print Name as Signed Above)

(NOTARY SEAL)

MAILING ADDRESS:

(Address)

(City) (State) (Zip+4)

(Area Code) (Phone Number)

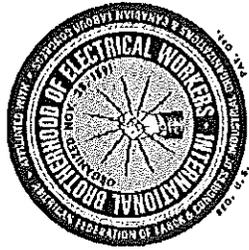
Kristine L. Langeland
(Signature)

5-11-05
(Date)

Please describe below the type and extent of work experience attributable to applicant. Be as explicit as possible. Please print legibly or type.

rod helped install electrical controls on automated equipment

CERTIFICATE OF COMPLETION



Given to

RODNEY STOCKBERGER
Iowa License #EL-087524



For successfully completing

Significant Changes to the 2008 NEC (Code Changes) - 6 hours
Course Codes: 08-09-09-515-101308/08-09-09-515-101408
Presented by

IOWA ELECTRICAL TRAINING CENTER
GIVEN THIS 13TH & 14TH OF OCTOBER 2008

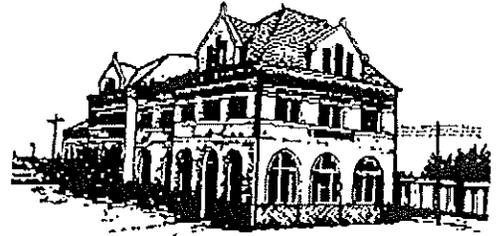
RECEIVED
SEP 19 2011

Instructors: **Ed Allen** Inst#: 0805-0023-I

Director of Training—**Ronald D. Pinegar**

City of
CRESTON, IOWA

116 W. Adams • P.O. Box 449 • Creston, Iowa 50801-0449
Phone 641-782-2000 • Fax 641-782-6377



Creston's Restored Depot and City Hall

DATE: 10-12-11

Pages: 3
(includes cover sheet)

PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME: Dan O'Donnell
Chief Electric Div.

FIRM: Bureau Of Construction Codes - State of Michigan

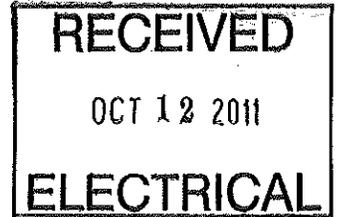
CITY/STATE: _____

FAX NUMBER: 517-241-9308

FROM: Kevin Kruse, Public Works Direc.

DEPT.: Building Dept.

FAX #: 641-782-6377



COMMENTS: Dan: The following is the licensing information
that we have for Rodney Stockberger. He was licensed with
the City of Creston from 4-15-05 thru 6-1-09. Our licensing
runs from July 1st thru June 30th of each year. The contractor's
are required by code to carry liability insurance and when he
no longer renewed his ins., we terminated his license. He
had possibly moved from the area. If you need further info.
please feel free to contact me at 641-782-2000, ext. 1.

CITY OF CRESTON, IOWA

CONTRACTOR LICENSE RENEWAL INFORMATION

Name: Rodney Stockberger

Home Address: _____

Business Name: _____

& Address: _____

Phone #: _____

FAX #: _____

License #: E-1413

Date Exam Passed: 4-15-05

LICENSE RENEWAL:

Date:

Receipt #:

new - 4-15-05	#15993
6-14-05	#16171
6-14-06	#17064
6-27-07	#17951
7-29-08	#18932

INSURANCE RENEWAL:

Carrier: Tyler's Ins. Serv.

Amount: \$1,000,000

Expiration Date: 5-19-05

4-19-06
4-19-07
4-19-08
4-19-09

expired 6-1-09 no renew

RECEIVED
OCT 12 2011
ELECTRICAL

CITY OF CRESTON, IOWA
APPLICATION FOR LICENSE
ELECTRICAL

NAME: Rowley Stockbauer DATE: 04/15/05

HOME ADDRESS: _____

BUSINESS NAME: _____

& ADDRESS: _____

PHONE #: 6 _____ FAX #: _____

ARE YOU LICENSED IN OTHER CITIES: NO WHERE: _____



RELATED EXPERIENCE/SCHOOL: 1996-2000 Polarty electric residential
commercial + Industrial, 10/2000-4/2001 PC System - Industrial
machine build + wire 5/2001-7/2002 DeVries Electric -
Commercial 7/2002-10/2004 PC System - Industrial, machine + control

HOW LONG: 8 yrs

SERVED AS APPRENTICE: 8 yrs FOR WHOM: Polarty electric, PC Systems, DeVries Electric

I UNDERSTAND AND AGREE TO COMPLY WITH ALL REQUIREMENTS, CODES, AND CITY ORDINANCES OF THE CITY OF CRESTON, IOWA. I UNDERSTAND THAT FAILURE TO DO SO MAY RESULT IN SUSPENSION OR REVOCATION OF MY LICENSE AND/OR BE SUBJECT TO ANY AND ALL PENALTIES AS DEEMED NECESSARY.

Examination fee: \$10.00 (non-refundable)

License fee: \$25.00 (annually)

Rowley Stockbauer
(applicant)

Office Use Only:

Date of Exam: _____ Date Passed Exam: 4-15-05

License #: E-1413

Insurance Certificate or Surety Bond (not less than \$100,000): _____

Insurer/Carrier: _____

Expiration Date: 5-19-05 Amount: _____

CHAPTER 103 ELECTRICIANS AND ELECTRICAL CONTRACTORS

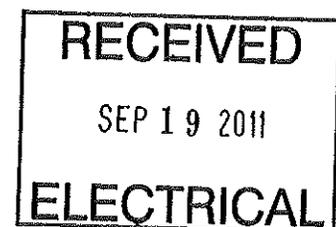
- 103.1 DEFINITIONS.
- 103.2 ELECTRICAL EXAMINING BOARD CREATED.
- 103.3 TERMS OF OFFICE -- EXPENSES -- COUNSEL.
- 103.4 ORGANIZATION OF THE BOARD.
- 103.5 OFFICIAL SEAL -- BYLAWS.
- 103.6 POWERS AND DUTIES.
- 103.7 ELECTRICIAN AND INSTALLER LICENSING AND INSPECTION FUND.
- 103.8 ACTIVITIES WHERE LICENSE REQUIRED -- EXCEPTIONS.
- 103.9 ELECTRICAL CONTRACTOR LICENSE.
- 103.10 CLASS A MASTER ELECTRICIAN LICENSE -- QUALIFICATIONS -- CLASS B MASTER ELECTRICIAN LICENSE.
- 103.10A INACTIVE MASTER ELECTRICIAN LICENSE.
- 103.11 WIRING OR INSTALLING -- SUPERVISING APPRENTICES -- LICENSE REQUIRED -- QUALIFICATIONS.
- 103.12 CLASS A JOURNEYMAN ELECTRICIAN LICENSE QUALIFICATIONS -- CLASS B JOURNEYMAN ELECTRICIAN LICENSE.
- 103.12A RESIDENTIAL ELECTRICIAN AND RESIDENTIAL MASTER ELECTRICIAN LICENSE -- QUALIFICATIONS.
- 103.13 SPECIAL ELECTRICIAN LICENSE -- QUALIFICATIONS.
- 103.14 ALARM INSTALLATIONS.
- 103.15 APPRENTICE ELECTRICIAN -- UNCLASSIFIED PERSON.
- 103.16 LICENSE EXAMINATIONS.
- 103.17 DISCLOSURE OF CONFIDENTIAL INFORMATION -- CRIMINAL PENALTY.
- 103.18 LICENSE RENEWAL -- CONTINUING EDUCATION.
- 103.19 LICENSES -- EXPIRATION -- APPLICATION -- FEES.
- 103.20 LICENSEE STATUS -- EMPLOYMENT -- DEATH.
- 103.21 LICENSES WITHOUT EXAMINATION -- RECIPROCITY WITH OTHER STATES.
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- 103.25 REQUEST FOR INSPECTION -- FEES.
- 103.26 CONDEMNATION -- DISCONNECTION -- OPPORTUNITY TO CORRECT NONCOMPLIANCE.
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- 103.30 INSPECTIONS NOT REQUIRED.
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- 103.32 STATE INSPECTION FEES.
- 103.33 CONDEMNATION OR DISCONNECTION ORDERS -- APPEALS -- DISPOSITION OF ORDERS PENDING APPEAL.
- 103.34 APPEAL PROCEDURES.
- 103.35 SUSPENSION, REVOCATION, OR REPRIMAND.
- 103.36 PROCEDURE.
- 103.37 INJUNCTION.
- 103.38 CRIMINAL VIOLATIONS.
- 103.39 CIVIL PENALTY.



103.1 DEFINITIONS.

As used in this chapter, unless the context otherwise requires:

1. *"Apprentice electrician"* means any person who, as such person's principal occupation, is engaged in learning and assisting in the installation, alteration, and repair of electrical wiring, apparatus, and equipment as an employee of a person licensed under this chapter, and who is licensed by the board and is progressing toward completion of an apprenticeship training program registered by the bureau of apprenticeship and training of the United States department of labor. For purposes of this chapter, persons who are not engaged in the installation, alteration, or repair of electrical wiring, apparatus, and equipment, either inside or outside buildings, shall not be considered apprentice electricians.
2. *"Board"* means the electrical examining board created under section 103.2.
3. *"Class A journeyman electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electrical wiring, apparatus, and equipment and to supervise apprentice electricians and who is licensed by the board.
4. *"Class A master electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the installation of electrical wiring, apparatus, and equipment for light, heat, power, and other purposes and who is licensed by the board.
5. *"Class B journeyman electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to wire for or install electrical wiring, apparatus, and equipment who meets and is subject to the restrictions of section 103.12.
6. *"Class B master electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the installation of electrical wiring, apparatus, and equipment who meets and is subject to the restrictions of section 103.10.
7. *"Electrical contractor"* means a person affiliated with an electrical contracting firm or business who is, or who employs a person who is, licensed by the board as either a class A or class B master electrician and who is also registered with the state of Iowa as a contractor pursuant to chapter 91C.
8. *"Farm"* means land, buildings and structures used for agricultural purposes including but not limited to the storage, handling, and drying of grain and the care, feeding, and housing of livestock.
9. *"Industrial installation"* means an installation intended for use in the manufacture or processing of products involving systematic labor or habitual employment and includes installations in which agricultural or other products are habitually or customarily processed or stored for others, either by buying or reselling on a fee basis.
10. *"Inspector"* means a person certified as an electrical inspector upon such reasonable conditions as may be adopted by the board. The board may permit more than one class of electrical inspector.
11. *"New electrical installation"* means the installation of electrical wiring, apparatus, and equipment for light, heat, power, and other purposes.
12. *"Public use building or facility"* means any building or facility designated for public use, including all property owned and occupied or designated for use by the state of Iowa.
13. *"Residential electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to perform a residential installation.
14. *"Residential installation"* means the wiring for or installation of electrical wiring, apparatus, and equipment in a residence consisting of no more than four living units within the same building.



15. *"Residential master electrician"* means a person having the necessary qualifications, training, experience, and technical knowledge to properly plan, lay out, and supervise the performance of a residential installation.

16. *"Routine maintenance"* means the repair or replacement of existing electrical apparatus or equipment, including but not limited to wires, cables, switches, receptacles, outlets, fuses, circuit breakers, and fixtures, of the same size and type for which no changes in wiring are made, but does not include any new electrical installation or the expansion or extension of any circuit.

17. *"Special electrician"* means a person having the necessary qualifications, training, and experience in wiring or installing special classes of electrical wiring, apparatus, equipment, or installations which shall include irrigation system wiring, disconnecting and reconnecting of existing air conditioning and refrigeration, and sign installation and who is licensed by the board.

18. *"Unclassified person"* means any person, other than an apprentice electrician or other person licensed under this chapter, who, as such person's principal occupation, is engaged in learning and assisting in the installation, alteration, and repair of electrical wiring, apparatus, and equipment as an employee of a person licensed under this chapter, and who is licensed by the board as an unclassified person. For purposes of this chapter, persons who are not engaged in the installation, alteration, or repair of electrical wiring, apparatus, and equipment, either inside or outside buildings, shall not be considered unclassified persons.

Section History: Recent Form 2007 Acts, ch 197, §11, 50; 2008 Acts, ch 1032, §19; 2008 Acts, ch 1092, §7--10, 32; 2009 Acts, ch 39, §1; 2009 Acts, ch 179, §114

103.2 ELECTRICAL EXAMINING BOARD CREATED.

1. An electrical examining board is created within the division of state fire marshal of the department of public safety. The board shall consist of eleven voting members appointed by the governor and subject to senate confirmation, all of whom shall be residents of this state.

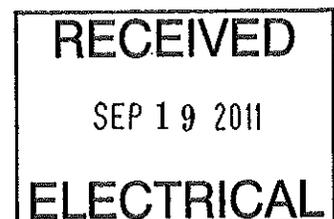
2. The members shall be as follows:

a. Two members shall be journeyman electricians, one a member of an electrical workers union covered under a collective bargaining agreement and one not a member of a union.

b. Two members shall be master electricians or electrical contractors, one of whom is a contractor signed to a collective bargaining agreement or a master electrician covered under a collective bargaining agreement and one of whom is a contractor not signed to a collective bargaining agreement or a master electrician who is not a member of a union.

c. One member shall be an electrical inspector.

d. Two members, one a union member covered under a collective bargaining agreement and one who is not a member of a union, each of whom shall not be a member of any of the groups described in paragraphs "a" through "c", and shall represent the general public.



- e. One member shall be the state fire marshal or a representative of the state fire marshal's office.
- f. One member shall be a local building official employed by a political subdivision to perform electrical inspections for that political subdivision.
- g. One member shall represent a public utility.
- h. One member shall be an engineer licensed pursuant to chapter 542B with a background in electrical engineering.

3. The public members of the board shall be allowed to participate in administrative, clerical, or ministerial functions incident to giving a licensure examination, but shall not determine the content of the examination or determine the correctness of the answers. Professional associations or societies composed of licensed electricians may recommend to the governor the names of potential board members whose profession is representative of that association or society. However, the governor is not bound by the recommendations. A board member shall not be required to be a member of any professional electrician association or society.

Section History: Recent Form

2007 Acts, ch 197, §12, 50; 2008 Acts, ch 1092, §11, 32 Referred to in § 100C.10, 103.1 Confirmation, see §2.32

Footnotes

Recommendation to general assembly regarding implementation of statewide inspection program due by January 1, 2011; 2009 Acts, ch 151, §33

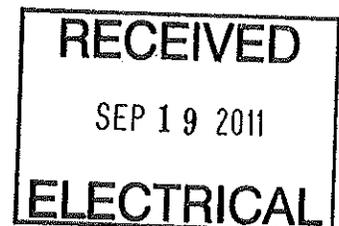
103.3 TERMS OF OFFICE -- EXPENSES -- COUNSEL.

1. Appointments to the board, other than the state fire marshal or a representative of the state fire marshal's office, shall be for three-year staggered terms and shall commence and end as provided by section 69.19. The most recently appointed state fire marshal, or a representative of the state fire marshal's office, shall be appointed to the board on an ongoing basis. Vacancies shall be filled for the unexpired term by appointment of the governor and shall be subject to senate confirmation. Members shall serve no more than three terms or nine years, whichever is least.

2. Members of the board are entitled to receive all actual expenses incurred in the discharge of their duties within the limits of funds appropriated to the board. Each member of the board may also be eligible to receive compensation as provided in section 7E.6.

3. The board shall be entitled to the counsel and services of the attorney general. The board may compel the attendance of witnesses, pay witness fees and mileage, take testimony and proofs, and administer oaths concerning any matter within its jurisdiction.

Section History: Recent Form 2007 Acts, ch 197, §13, 50 Confirmation, see §2.32



103.4 ORGANIZATION OF THE BOARD.

The board shall elect annually from its members a chairperson and a vice chairperson, and shall hire and provide staff to assist the board in administering this chapter. An executive secretary designated by the board shall report to the state fire marshal for purposes of routine board administrative functions, and shall report directly to the board for purposes of execution of board policy such as application of licensing criteria and processing of applications. The board shall hold at least one meeting quarterly at the location of the board's principal office, and meetings shall be called at other times by the chairperson or four members of the board. At any meeting of the board, a majority of members constitutes a quorum.

Section History: Recent Form 2007 Acts, ch 197, §14, 50

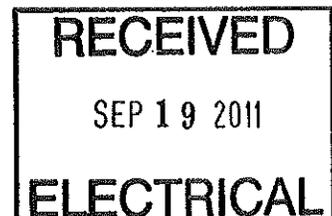
103.5 OFFICIAL SEAL -- BYLAWS.

The board shall adopt and have an official seal which shall be affixed to all certificates of licensure granted.

Section History: Recent Form 2007 Acts, ch 197, §15, 50

103.6 POWERS AND DUTIES.

1. The board shall:
 - a. Adopt rules pursuant to chapter 17A and in doing so shall be governed by the minimum standards set forth in the most current publication of the national electrical code issued and adopted by the national fire protection association, and amendments to the code, which code and amendments shall be filed in the offices of the state law library and the board and shall be a public record. The board shall adopt rules reflecting updates to the code and amendments to the code. The board shall promulgate and adopt rules establishing wiring standards that protect public safety and health and property and that apply to all electrical wiring which is installed subject to this chapter.
 - b. Revoke, suspend, or refuse to renew any license granted pursuant to this chapter when the licensee does any of the following:
 - (1) Fails or refuses to pay any examination, license, or renewal fee required by law.
 - (2) Is an electrical contractor and fails or refuses to provide and keep in force a public liability insurance policy and surety bond as required by the board.
 - (3) Violates any political subdivision's inspection ordinances.
 - c. Adopt rules for continuing education requirements for each classification of licensure established pursuant to this chapter, and adopt all rules, not inconsistent with the law, necessary for the proper performance of the duties of the board.
 - d. Provide for the amount and collection of fees for inspection and other services.



2. The board may, in its discretion, revoke, suspend, or refuse to renew any license granted pursuant to this chapter when the licensee violates any provision of the national electrical code as adopted pursuant to subsection 1, this chapter, or any rule adopted pursuant to this chapter.

Section History: Recent Form 2007 Acts, ch 197, §16, 50; 2008 Acts, ch 1031, §34; 2008 Acts, ch 1032, §20; 2008 Acts, ch 1092, §12, 32 Referred to in § 103.10, 103.12, 103.18, 103.26, 103.29, 103.31

103.7 ELECTRICIAN AND INSTALLER LICENSING AND INSPECTION FUND.

An electrician and installer licensing and inspection fund is created in the state treasury as a separate fund under the control of the board. All licensing, examination, renewal, and inspection fees shall be deposited into the fund and retained by and for the use of the board. Expenditures from the fund shall be approved by the sole authority of the board in consultation with the state fire marshal. Amounts deposited into the fund shall be considered repayment receipts as defined in section 8.2. Notwithstanding section 8.33, any balance in the fund on June 30 of each fiscal year shall not revert to the general fund of the state, but shall remain available for the purposes of this chapter in subsequent fiscal years. Notwithstanding section 12C.7, subsection 2, interest or earnings on moneys deposited in the fund shall be credited to the fund.

Section History: Recent Form 2007 Acts, ch 197, §17, 50

103.8 ACTIVITIES WHERE LICENSE REQUIRED -- EXCEPTIONS.

1. No person, except a person licensed as an electrical contractor, shall engage in the business of providing new electrical installations or any other electrical services regulated under this chapter.

2. Except as provided in sections 103.13 and 103.14, no person shall, for another, plan, lay out, or supervise the installation of wiring, apparatus, or equipment for electrical light, heat, power, and other purposes unless the person is licensed by the board as an electrical contractor, a class A master electrician, or a class B master electrician.

Section History: Recent Form 2007 Acts, ch 197, §18, 50; 2008 Acts, ch 1092, §13, 32 Referred to in § 103.13

103.9 ELECTRICAL CONTRACTOR LICENSE.

1. An applicant for an electrical contractor license shall either be or employ a licensed class A or class B master electrician, and be registered with the state of Iowa as a contractor pursuant to chapter 91C.

2. A contractor who holds a class B master electrician license shall be licensed subject to the restrictions of section 103.10.

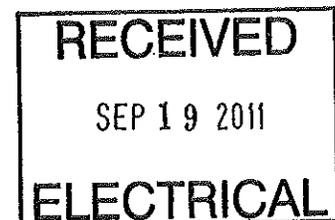
Section History: Recent Form 2007 Acts, ch 197, §19, 50; 2008 Acts, ch 1032, §21



**103.10 CLASS A MASTER ELECTRICIAN LICENSE --
QUALIFICATIONS -- CLASS B MASTER ELECTRICIAN LICENSE.**

1. An applicant for a class A master electrician license shall have at least one year's experience, acceptable to the board, as a licensed class A or class B journeyman electrician.
2. In addition, an applicant shall meet examination criteria based upon the most recent national electrical code adopted pursuant to section 103.6 and upon electrical theory, as determined by the board.
 3. a. An applicant who can provide proof acceptable to the board that the applicant has been working in the electrical business and involved in planning for, laying out, supervising, and installing electrical wiring, apparatus, or equipment for light, heat, and power since January 1, 1998, and for a total of at least sixteen thousand hours, of which at least eight thousand hours shall have been accumulated since January 1, 1998, may be granted a class B master electrician license without taking an examination. An applicant who is issued a class B master electrician license pursuant to this section shall not be authorized to plan, lay out, or supervise the installation of electrical wiring, apparatus, and equipment in a political subdivision which, prior to or after January 1, 2008, establishes licensing standards which preclude such work by class B master electricians in the political subdivision. The board shall adopt rules establishing procedures relating to the restriction of a class B master electrician license pursuant to this subsection.
 - b. A class B master electrician may become licensed as a class A master electrician upon successful passage of the examination prescribed in subsection 2.
 4. A person licensed to plan, lay out, or supervise the installation of electrical wiring, apparatus, or equipment for light, heat, power, and other purposes and supervise apprentice electricians by a political subdivision preceding January 1, 2008, pursuant to a supervised written examination, and who is currently engaged in the electrical contracting industry, shall be issued an applicable statewide license corresponding to that licensure as a class A master electrician or electrical contractor. The board shall adopt by rule certain criteria for city examination standards satisfactory to fulfill this requirement.
 5. The board may reject an application for licensure under this section from an applicant who would be subject to suspension, revocation, or reprimand pursuant to section 103.35.

Section History: Recent Form 2007 Acts, ch 197, §20, 50; 2008 Acts, ch 1077, §1, 3; 2008 Acts, ch 1092, §14, 32 Referred to in § 103.1, 103.9



103.10A INACTIVE MASTER ELECTRICIAN LICENSE.

The board may by rule create an inactive master electrician license and establish a fee for such a license. An applicant for an inactive master electrician license shall, at a minimum, meet the requirements of this chapter and requirements established by the board by rule for licensure as a class A master electrician or a class B master electrician. A person licensed as an inactive master electrician shall not be authorized to act as a master electrician, but shall be authorized to apply for a class A master electrician license or a class B master electrician license at a future date subject to conditions and under procedures established by the board by rule. The conditions and procedures shall include but not be limited to completion of the required number of contact hours of continuing education courses specified in section 103.18, and paying the applicable license fee specified in section 103.19 for a class A master electrician license or class B master electrician license.

Section History: Recent Form 2009 Acts, ch 39, §2

103.11 WIRING OR INSTALLING -- SUPERVISING APPRENTICES -- LICENSE REQUIRED -- QUALIFICATIONS.

Except as provided in section 103.13, no person shall, for another, wire for or install electrical wiring, apparatus, or equipment, or supervise an apprentice electrician or unclassified person, unless the person is licensed by the board as an electrical contractor, a class A master electrician, or a class B master electrician, or is licensed as a class A journeyman electrician or a class B journeyman electrician and is employed by an electrical contractor or is working under the supervision of a class A master electrician or a class B master electrician.

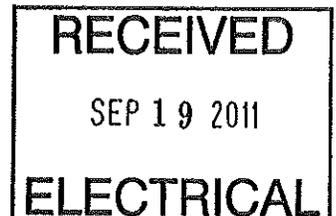
Section History: Recent Form 2007 Acts, ch 197, §21, 50; 2008 Acts, ch 1092, §15, 32
Referred to in § 103.15

103.12 CLASS A JOURNEYMAN ELECTRICIAN LICENSE QUALIFICATIONS -- CLASS B JOURNEYMAN ELECTRICIAN LICENSE.

1. An applicant for a class A journeyman electrician license shall have successfully completed an apprenticeship training program registered by the bureau of apprenticeship and training of the United States department of labor in accordance with the standards established by that department or shall have received training or experience for a period of time and under conditions as established by the board by rule.

2. In addition, an applicant shall meet examination criteria based upon the most recent national electrical code adopted pursuant to section 103.6 and upon electrical theory, as determined by the board.

3. a. An applicant who can provide proof acceptable to the board that the applicant has been employed as a journeyman electrician since January 1, 1998, and for a total of at least sixteen thousand hours, of which at least eight thousand hours shall have been accumulated since January 1, 1998, may be granted a class B



journeyman electrician license without taking an examination. An applicant who is issued a class B journeyman electrician license pursuant to this section shall not be authorized to wire for or install electrical wiring, apparatus, and equipment in a political subdivision which, prior to or after January 1, 2008, establishes licensing standards which preclude such work by class B journeyman electricians in the political subdivision. The board shall adopt rules establishing procedures relating to the restriction of a class B journeyman electrician license pursuant to this subsection.

b. A class B journeyman electrician may become licensed as a class A journeyman electrician upon successful passage of the examination prescribed in subsection 2.

4. A person licensed to wire for or install electrical wiring, apparatus, or equipment or supervise an apprentice electrician by a political subdivision preceding January 1, 2008, pursuant to a supervised written examination, and who is currently engaged in the electrical contracting industry with at least four years' experience, shall be issued an applicable statewide license corresponding to that licensure as a class A journeyman electrician or a class B journeyman electrician. The board shall adopt by rule certain criteria for city examination standards satisfactory to fulfill this requirement.

5. The board may reject an application for licensure under this section from an applicant who would be subject to suspension, revocation, or reprimand pursuant to section 103.35.

Section History: Recent Form

2007 Acts, ch 197, §22, 50; 2008 Acts, ch 1077, §2, 3; 2008 Acts, ch 1092, §16--18, 32
Referred to in § 103.1

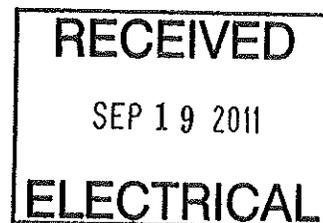
103.12A RESIDENTIAL ELECTRICIAN AND RESIDENTIAL MASTER ELECTRICIAN LICENSE -- QUALIFICATIONS.

1. The board may by rule provide for the issuance of a residential electrician license, and may by rule provide for the issuance of a residential master electrician license.

a. A residential electrician license or residential master electrician license, if established by the board, shall be issued to applicants who meet qualifications determined by the board, and shall be valid for the performance of residential installations, subject to limitations or restrictions established by the board.

b. A person who, on or after July 1, 2009, holds a special electrician license authorizing residential electrical installation, granted pursuant to section 103.13, shall be eligible for conversion of that special license to either a residential electrician license or a residential master electrician license, if established by the board, in accordance with requirements and procedures established by the board.

2. A person licensed by the board as a class A journeyman electrician or a class B journeyman electrician, or as a class A master electrician or a class B master electrician, shall not be required to hold a residential electrician or residential master electrician license to perform any type of residential installation



authorized for a person licensed pursuant to this section.

3. The board may reject an application for licensure under this section from an applicant who would be subject to suspension, revocation, or reprimand pursuant to section 103.35.

Section History: Recent Form 2009 Acts, ch 39, §3

103.13 SPECIAL ELECTRICIAN LICENSE -- QUALIFICATIONS.

1. The board shall by rule provide for the issuance of special electrician licenses authorizing the licensee to engage in a limited class or classes of electrical work, which class or classes shall be specified on the license. Each licensee shall have experience, acceptable to the board, in each such limited class of work for which the person is licensed.

2. Notwithstanding section 103.8, a person who holds a special electrician license is not required to obtain an electrical contractor license to engage in the business of providing new electrical installations or any other electrical services if such installations or services fall within the limited class of special electrical work for which the person holds the special electrician license.

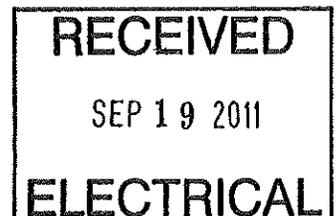
3. The board may reject an application for licensure under this section from an applicant who would be subject to suspension, revocation, or reprimand pursuant to section 103.35.

Section History: Recent Form 2007 Acts, ch 197, §23, 50; 2008 Acts, ch 1092, §19, 32; 2009 Acts, ch 39, §4 Referred to in § 103.8, 103.11, 103.12A

103.14 ALARM INSTALLATIONS.

A person who is not licensed pursuant to this chapter may plan, lay out, or install electrical wiring, apparatus, and equipment for components of alarm systems that operate at seventy volt/amps (VA) or less, only if the person is certified to conduct such work pursuant to chapter 100C. Installations of alarm systems that operate at seventy volt/amps (VA) or less are subject to inspection by state inspectors as provided in section 103.31, except that reports of such inspections, if the installation being inspected was performed by a person certified pursuant to chapter 100C, shall be submitted to the state fire marshal and any action taken on a report of an inspection of an installation performed by a person certified pursuant to chapter 100C shall be taken by or at the direction of the state fire marshal, unless the installation has been found to exceed the authority granted to the certificate holder pursuant to chapter 100C and therefore to be in violation of this chapter.

Section History: Recent Form 2007 Acts, ch 197, §24, 50 Referred to in § 103.8, 103.22



103.15 APPRENTICE ELECTRICIAN -- UNCLASSIFIED PERSON.

1. A person shall be licensed by the board and pay a licensing fee to work as an apprentice electrician while participating in an apprenticeship training program registered by the bureau of apprenticeship and training of the United States department of labor in accordance with the standards established by that department. An apprenticeship shall be limited to six years from the date of licensure, unless extended by the board upon a finding that a hardship existed which prevented completion of the apprenticeship program. Such licensure shall entitle the licensee to act as an apprentice to an electrical contractor, a class A master electrician, a class B master electrician, a class A journeyman electrician, or a class B journeyman electrician as provided in subsection 3.

2. a. A person shall be licensed as an unclassified person by the board to perform electrical work if the work is performed under the personal supervision of a person actually licensed to perform such work and the licensed and unclassified persons are employed by the same employer. A person shall not be employed continuously for more than one hundred days as an unclassified person without having obtained a current license from the board. For the purposes of determining whether a person has been "*employed continuously*" for more than one hundred days under this subsection, employment shall include any days not worked due to illness, holidays, weekend days, and other absences that do not constitute separation from or termination of employment. Any period of employment as a nonlicensed unclassified person shall not be credited to any applicable experiential requirement of an apprenticeship training program registered by the bureau of apprenticeship and training of the United States department of labor.

b. Licensed persons shall not permit unclassified persons to perform electrical work except under the personal supervision of a person actually licensed to perform such work. Unclassified persons shall not supervise the performance of electrical work or make assignments of electrical work to unclassified persons. Any person employing unclassified persons performing electrical work shall maintain records establishing compliance with this section, which shall designate all unclassified persons performing electrical work.

3. Apprentice electricians and unclassified persons shall do no electrical wiring except under the direct personal on-the-job supervision and control and in the immediate presence of a licensee as specified in section 103.11. Such supervision shall include both on-the-job training and related classroom training as approved by the board. The licensee may employ or supervise apprentice electricians and unclassified persons at a ratio not to exceed three apprentice electricians and unclassified persons to one licensee, except that such ratio and the other requirements of this section shall not apply to apprenticeship classroom training.

RECEIVED

SEP 19 2011

ELECTRICAL

4. For purposes of this section, "the direct personal on-the-job supervision and control and in the immediate presence of a licensee" shall mean the licensee and the apprentice electrician or unclassified person shall be working at the same project location but shall not require that the licensee and apprentice electrician or unclassified person be within sight of one another at all times.

5. An apprentice electrician shall not install, alter, or repair electrical equipment except as provided in this section, and the licensee employing or supervising an apprentice electrician shall not authorize or permit such actions by the apprentice electrician.

6. The board may reject an application for licensure under this section from an applicant who would be subject to suspension, revocation, or reprimand pursuant to section 103.35.

Section History: Recent Form 2007 Acts, ch 197, §25, 50; 2008 Acts, ch 1092, §20, 32; 2009 Acts, ch 133, §27 Referred to in § 103.22, 103.29

103.16 LICENSE EXAMINATIONS.

1. Examinations for licensure shall be offered as often as deemed necessary by the board, but no less than one time per quarter. The scope of the examinations and the methods of procedure shall be prescribed by the board. The examinations given by the board shall be the Experior assessment examination, or a successor examination approved by the board, or an examination prepared by a third-party testing service which is substantially equivalent to the Experior assessment examination, or a successor examination approved by the board.

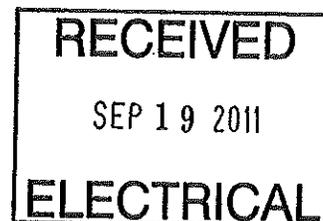
2. An examination may be given by representatives of the board. As soon as practicable after the close of each examination, a report shall be filed in the office of the secretary of the board by the board. The report shall show the action of the board upon each application and the secretary of the board shall notify each applicant of the result of the applicant's examination. Applicants who fail the examination once shall be allowed to take the examination at the next scheduled time. Thereafter, the applicant shall be allowed to take the examination at the discretion of the board. An applicant who has failed the examination may request, in writing, information from the board concerning the applicant's examination grade and subject areas or questions which the applicant failed to answer correctly, except that if the board administers a uniform, standardized examination, the board shall only be required to provide the examination grade and such other information concerning the applicant's examination results which are available to the board.

Section History: Recent Form 2007 Acts, ch 197, §26, 50; 2008 Acts, ch 1092, §21, 32

103.17 DISCLOSURE OF CONFIDENTIAL INFORMATION -- CRIMINAL PENALTY.

1. A member of the board shall not disclose information relating to the following:

- a. Criminal history or prior misconduct of an applicant.
- b. Information relating to the contents of an examination.
- c. Information relating to examination results other than a





RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 32

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Robert A. Reynolds Jr. to sit for the journeyman electrician examination

APPLICANT REPRESENTATIVE:

Robert A. Reynolds Jr.

PROJECT: N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the journeyman electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec. 3a. (c), MCL 338.883d Sec. 3d. (1), (a), (b), (c), (d), Administrative Board General Rules R338.1005a Rule 5a. (1), (2), (3), R338.1006a Rule 6a (1), (3), (4).

FINDINGS:

Mr. Reynolds submitted an application to the Electrical Division to sit for the State of Michigan journey electrician examination. The application was received by our office on October 12, 2011. After reviewing Mr. Reynolds application it was determined that additional information would be needed and Mr. Reynolds sent in the additional

Providing for Michigan's Safety in the Built Environment

information on October 14th, 2011. The information submitted by Mr. Reynolds indicates that he was an apprentice electrician in the State of Oklahoma from May, 2008 through June, 2010. Mr. Reynolds also has verification of electrical experience from Grand Rapids from July 2004 through May of 2005 as well as Detroit from June 23, 2010 through the present.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Reynolds has attained in the State of Oklahoma and determine whether that experience is equivalent to that required by Michigan statute to sit for the journeyman electrician examination.

10- 15-2011

Mr. Dan O'Donnell, Chief of Electrical Division
Electrical Administrative Board
Bureau of Construction Codes
2501 Woodlake Circle
Okemos, Michigan 48864

Dear, Mr. O'Donnell

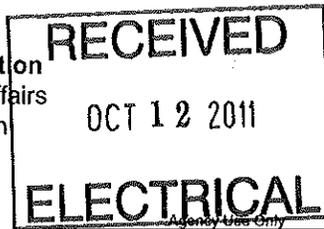
I respectfully request to Appeal my application for Michigan Electrical Journeyman examination, to the Electrical Administrative Board on November 3, 2011.

Any consideration on this matter is appreciated.

Sincerely,

Robert A. Reynolds, Jr.

Application for Journeyman Electrician Examination
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Electrical Division
 P.O. Box 30255, Lansing, MI 48909
 517-241-9320
 www.michigan.gov/bcc



10/7/11

6336473

Examination Fee: \$100.00 (nonrefundable)

Authority: 1956 PA 217 Completion: Mandatory Penalty: Examination will not be given	LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
---	--

Instructions: To be eligible to make application for and take this examination an applicant shall meet the following criteria:

- Complete and sign application. Type or print in ink.
- Application and fee must be received 20 business days prior to the examination date.
- Applicant must not be less than 20 years of age.
- Provide **original notarized** documentation from present or former employers to the effect that the applicant has not less than 8,000 hours of practical experience obtained over a period of not less than 4 years related to electrical construction or electrical maintenance of buildings under direct supervision of a person licensed pursuant to the act. Documentation must include the beginning (month, day, year) to ending (month, day, year) dates of employment. The 8,000 hours of practical work experience over 4 years must be attained prior to the deadline date for submitting documentation. **Notarized**, original documentation must be on employers' letterhead stationery and provide dates of employment and hours worked under licensed supervision and signed by the qualified master electrician.
- Enclose a check made payable to the **State of Michigan**.
- Mail completed application, required documents, and payment to the address listed above.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a minimum passing score of 75% or higher, the applicant will be billed \$40.00 for the journeyman electrician license prior to issuance of the license. Failure of examination 2 times within 2 years requires 1 year waiting period from the date of the second failure and proof of successful completion of a course on code, electrical fundamentals or theory to be eligible for reexamination. Examination fee is forfeited upon failure to appear for scheduled examination unless written explanation is received within 10 business days of the examination.

Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a journeyman electrician in another state or country may qualify for examination upon determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan in accordance with the provisions of section 3a of the act.

Applicant Information

NAME (Last Name, First Name, Middle Initial) Reynolds, Jr. Robert, A		DATE OF BIRTH 03/05/1974	LAST 4 DIGITS OF SOCIAL SECURITY NUMBER* XXX-XX-
ADDRESS	CITY	TOWNSHIP Clinton	
COUNTY	STATE Michigan	ZIP CODE	TELEPHONE NUMBER (Include Area Code) (

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:

City of _____ Township of _____

Examination Site

Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.

<u>Preferred Site</u>	<u>Preferred Month</u>
<input checked="" type="checkbox"/> Lansing	November 3
<input type="checkbox"/> Escanaba	_____

If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation. Forms are available from this office.

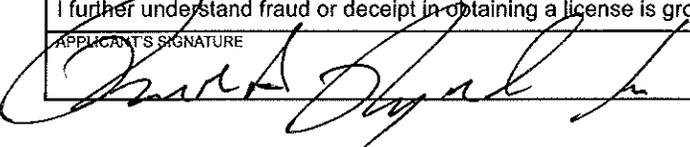
*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

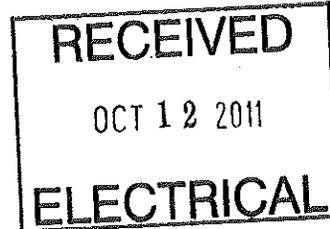
Experience Record (attach additional sheets if necessary)

NAME OF CURRENT EMPLOYER Conti Electric		DATES OF EMPLOYMENT (MM/DD/YY) BEGINNING: 01/05/11 ENDING: Present	
ADDRESS 6417 Center Dr	CITY Sterling Heights	STATE Michigan	ZIP CODE 48312
TYPE OF WORK PERFORMED Worked on switchboards, motor controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting distribution.			
NAME OF EMPLOYER J and J Electric		DATES OF EMPLOYMENT (MM/DD/YY) BEGINNING: 09/30/00 6-20-2010 ENDING: 6/18/2010 12-18-2010	
ADDRESS 25162 Mound Rd	CITY warren	STATE Michigan	ZIP CODE 48091
TYPE OF WORK PERFORMED Worked on switchboards, motor controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting distribution.			

Certification and Signature of Applicant

I certify the information provided is true and accurate to the best of my ability and I have the experience required for this examination. I further understand fraud or deceit in obtaining a license is grounds for administrative action in accordance with the act.

APPLICANT'S SIGNATURE 	DATE 10-1-2011
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Agency Use Only

Approved for Exam Yes No

Validation Area

Date of Exam	Score	Absent	Date of Exam	Score	Absent

Date Approved by EAB _____

Tran Info: 103 17161966-1 10/07/11
 Chk#: 1000 Amt: \$100.00
 ID: ROBERT REYNOLDS JR

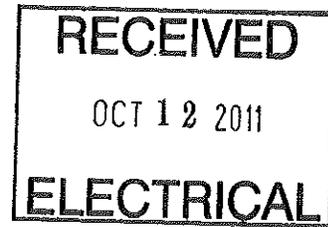
Experience Record:

Shawver and Son
144 NE 44th St

9/30/2009 - 6/18/2010

Oklahoma City, Ok 73105
405-525-9451

Worked on switchboards, motor controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting distribution.



Oklahoma Electrical Supply Company 5/23/2008 – 9/29/2009

4901 North Sewell Ave

Oklahoma City, OK 73118

405-525-9900

Worked on switchboards, motor controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting distribution.

Conti Electric

7/21/2004 – 12-21-2004

6417 Center Drive

Sterling Heights, MI 48312

866-955-1500

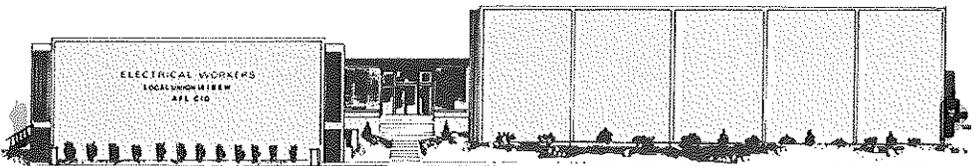
Worked on switchboards, motor controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting distribution.

Electrical Workers

Local

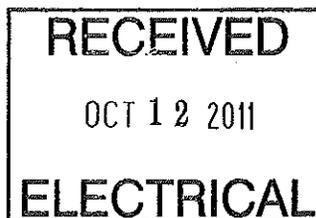


No. 58



1358 ABBOTT STREET • DETROIT, MICHIGAN 48226-2411 • PHONE: (313) 963-2130
MAILING ADDRESS: GENERAL P.O. BOX 32756 • DETROIT, MICHIGAN 48232-0756 • FAX: (313) 963-9348

September 19, 2011



RE: Robert A. Reynolds Jr., SS#

To Whom It May Concern:

This is to certify that Robert A. Reynolds Jr. is an Apprentice Inside Wireman member of the International Brotherhood of Electrical Workers (IBEW) Local Union No. 58. He was indentured to the Detroit Joint Electrical Apprentice Training Committee of IBEW Local 58 on June 23, 2010.

Since that date, to present, he has accumulated 2,556 on-the-job training hours.

Sincerely,

James E. DeLuca
Business Representative

JD/ss-opeiu#42-afl-cio

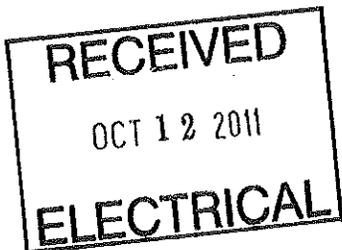
State of Michigan
County of Monroe acting in Wayne County
Subscribed and sworn to me
this 19th day of September 2011

Sandra Stanfield, Notary Public
My commission expires May 21, 2017

Detroit Electrical Joint Apprentice Training Committee



ELECTRICAL INDUSTRY TRAINING CENTER
2277 E. ELEVEN MILE ROAD, SUITE 1
WARREN, MICHIGAN 48092
Phone: (586) 751-6600
Fax: (586) 751-6699



September 19, 2011

TO WHOM IT MAY CONCERN

This letter is to verify that **Robert A Reynolds** was indentured to the Detroit Joint Electrical Apprentice Training Committee on **June 23, 2010**. Since that date, **Robert** has attended school one day every two weeks (**224 hours**) and has satisfactorily completed all courses prescribed during this period for our apprentices.

If any further information is needed, please contact the undersigned.

Very truly yours,

Gary Polulak, DIRECTOR
FOR THE DETROIT JOINT ELECTRICAL
APPRENTICE TRAINING COMMITTEE

GP:kp

cc: Appr. File
Sec. (1)

STATE OF MICHIGAN, COUNTY OF MACOMB
SUBSCRIBED AND SWORN TO BEFORE ME THIS
19th DAY OF ~~September~~ 2011.

NOTARY PUBLIC:

Kathleen A Price
Notary Public, Macomb County, MI
My commission Expires: September 9, 2017

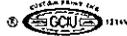


WESTERN OKLAHOMA ELECTRICAL JOINT APPRENTICESHIP & TRAINING COMMITTEE



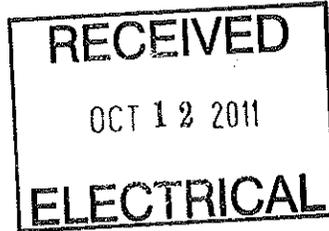
1700 S.E. 15th Street
P.O. Box 96245
Oklahoma City, OK 73143-6245

Phone: (405) 672-7600



Fax (405) 672-7631

August 23, 2010



To Whom It May Concern:

Robert Allen Reynolds was an apprentice electrician in our apprenticeship program. He had previously been in the West Michigan JATC and was given credit for 792.50 hours. When he transferred from our program on June 18, 2010, he had worked an additional 4,533.50 for a combined total of 5,326.00 on-the-job training hours under the supervision of licensed journeyman electricians for licensed electrical contractors on commercial and industrial electrical construction projects. He had also completed 379 hours of classroom training at our training center.

If you have any questions, please give me a call at 405-672-7600.

Sincerely,

James L. Monteith
Training Director
Western Oklahoma Electrical JATC

JLM/pdt

State of Oklahoma

ss

County of Oklahoma

Before me the undersigned a Notary Public in and for said County and State on this date personally appeared known to me to be the same person who executed the foregoing Certification and acknowledged to me that he read and understood the same as his free and voluntary act and deed for the uses and purposes therein set forth.

Dated this 23rd day of August 2010.

MY COMMISSION EXPIRES:

October 20, 2013 - #01015765

Darlet Thompson

Nathan Powell
Administrator



Brad Henry
Governor

State of Oklahoma
Construction Industries Board

November 16, 2010

To Whom It May Concern:

From: Joanne Bohn
Construction Industries Board
Apprentice Registration Division
2401 NW 23rd Street, Suite 5
Oklahoma City, OK 73107



Subject: Verification of Apprentice Registration.
Re: Robert A Reynolds

Dear Sir or Madam:

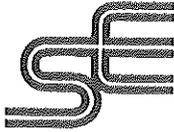
This letter serves as verification that Robert A Reynolds was registered as an electrical apprentice beginning May 20, 2008 which that registration expired May 20, 2009. He renewed his electrical apprentice registration on June 5, 2009 and that registration expired on June 5, 2010.

His electrical apprentice registration number is 121458.

If you need further assistance please contact me at (405) 271-5217 extension 57914. You can also look on our web site www.ok.gov/cib.

Sincerely,

A handwritten signature in cursive that reads "Joanne Bohn".
Joanne Bohn
Apprentice Registration Division



Shawver & Son, Inc.

ELECTRICAL CONTRACTING ENGINEERS

PO BOX 18778 • OKLAHOMA CITY OK 73154-0778
405.525.9451 • FAX 405.525.6136



Name of examination applicant: Robert A. Reynolds, Jr

Employed by Shawver and Son: 9-30-2009 to 6-18-2010

Total hours worked for Shawver and Son, not including overtime: 1573

Under the supervision of: Don Schluchter, President

Work performed in the 2nd year of his apprenticeship: Switchboards, Motor Controls, fabrication of conduit, 120/277/480 volt circuits, transformers, and lighting and power distribution.

Supervising master electrician's signature: *Don Schluchter*

Tamera S. Kriz
TAMERA S. KRIZ
NOTARY
02011437
EXP. 8-8-14
PUBLIC
STATE OF OKLAHOMA

EXPIRES 2012/01/31
DONALD D SCHLUCHTER
ELECTRICAL
CONTRACTOR

19633

543

OKLAHOMA CONSTRUCTION INDUSTRIES BOARD
(405) 271-5217
2401 N.W. 33, Suite 5
Oklahoma City, Oklahoma 73107

LICENSED/CERTIFIED IN THE STATE OF OKLAHOMA
IN CATEGORIES STATED ON REVERSE SIDE. UNDER
PROVISIONS OF TITLE 59/63 OKLAHOMA STATUTES
MUST HAVE LICENSE ON PERSON

Larry B...
Chairman, Construction Industries Board

Walter P...
Administrator, Construction Industries Board

RECEIVED
OCT 14 2011
ELECTRICAL

Oklahoma
CONSTRUCTION INDUSTRIES BOARD
ELECTRICAL CONTRACTOR

Class: Residential Commercial Industrial

Issued: 01-15-2008

Restr: NONE

SCHLUCHTER, DONALD
2733 CENTURY ST
EMERALD, OK 73112

DL

Name of examination applicant: Robert A. Reynolds Jr.

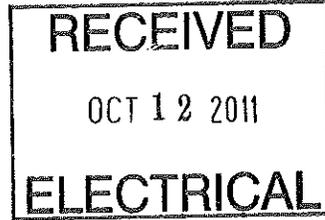
Employed by OESCO: 5/23/2008 – 9/29/2009

Total hours worked for OESCO, not including overtime: 2960.50

Under supervision of: David Rupe

Work performed in the 1st year of his apprenticeship: Conduit Installation, MC Cable Installations, Wire Installations – 120/208 VAC Circuits, Switches & Receptacles Devices, Electrical Panel Installation, Light fixtures 277 VAC circuits

Work performed in the 2nd year of his apprenticeship: Motor Control Centers, Switchboards, Motor Starters, Service Changes, 480 Vac Circuits, Transformers



4901 North Sewell Ave.
Oklahoma City, Oklahoma
73118-7800
Mail: P.O. Box 349
Oklahoma City, Oklahoma
73101-0349
Voice: 405.525.9900
Fax: 405.525.6454

204 E. 15th Street
Tulsa Oklahoma
74119-4014
Mail: P.O. Box 3384
Tulsa, Oklahoma
74101-3384
Voice: 918.585.1297
Fax: 918.583.0349

Supervising master electrician's signature: David Rupe

STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

Before me, the undersigned authority, on this day, personally appeared David Rupe, known to me to be the person whose name subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 1st DAY OF September 2010.

SEAL

Notary Public Valerie L. Jones

My Commission Expires: 07/29/13

STEPHEN F YOUNG

DR

RECEIVED
OCT 14 2011
ELECTRICAL

EXPIRES 2012/02/29
STEPHEN F YOUNG
ELECTRICAL
CONTRACTOR

62043

1



OKLAHOMA CONSTRUCTION INDUSTRIES BOARD
LICENSE RENEWAL APPLICATION
ELECTRICAL, MECHANICAL AND PLUMBING LICENSES

File # 000001

PLEASE REMIT YOUR CHECK OR
MONEY ORDER TO:
CONSTRUCTION INDUSTRIES BOARD
2401 NW 23rd, Suite 5
OKLAHOMA CITY, OK 73107

STEPHEN FRED YOUNG

(CREDIT CARDS NOT ACCEPTED)

License	Amount DUE	Late Fee Amount 30 Days after expiration	Expiration
Electrical Contractor	\$200.00	\$100.00	03/01/2011

*Note **CONTRACTORS ONLY:**

- If bond and/or insurance are expired you must mail or fax copy of continuing certificate.
- If you are inactive and wish to place your license on the active status please mail the Original Bond plus a copy of your Certificate of General Liability Insurance (*Must be 30 day cancellation*) with your renewal form.
- If you are active and wish to have an inactive contractor license please check here. (The fee amount is the same as an active Contractor's license, but no insurance or bond is required.)
- Are you a U.S. Citizen? Yes X No (If no, please provide Immigration document(s))

PLEASE FILL OUT ENTIRE RENEWAL: FAILURE TO DO SO WILL RESULT IN DELAY OF PROCESSING YOUR LICENSE.

DO NOT DETACH - RETURN ENTIRE FORM

INDIVIDUAL'S MAILING INFORMATION PLEASE PRINT CLEARLY (If Physical Address is different from Mailing Address then you <u>must</u> provide both Addresses.)	EMPLOYMENT INFORMATION MUST COMPLETE THIS SECTION PLEASE PRINT CLEARLY
Individual's Full Name: Stephen F. Young	Company Name: Oklahoma Electrical Supply Co.
Birth Date:	Mailing Address: 4901 N. Sewell Ave. OKC, OK 73118
Mailing Address:	Physical Address: Same as above
Physical Address: Same as above	Physical Address: Same as above
City, State, Zip:	City, State, Zip:
Home Telephone:	Company Telephone: 405-525-9900
Cell Phone:	Company Fax: 405-525-6454

(405) 271-5217 TELEPHONE 1-877-484-4424 TOLL FREE (405) 271-5254 FAX www.ok.gov/cib

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ELECTRICAL



CONSTRUCTION INDUSTRIES BOARD

2401 NW 23rd, Suite #5
 OKLAHOMA CITY, OK 73107
 PH: (405) 271-5217 or Toll Free (877) 434-4424
 Web site: www.ok.gov/cib/

ELECTRICAL APPLICATION INFORMATION

All applicants must be eighteen (18) years of age or older

FEES - MUST ACCOMPANY APPLICATION:

Make remittance payable to the CONSTRUCTION INDUSTRIES BOARD

Electrical Contractor \$330.00 (License \$300.00 / Processing \$30.00)

Electrical Journeyman (Reciprocal or otherwise) \$75.00 (License \$50.00 / Processing \$25.00)

Electrical Contractor / Journey Reciprocity - \$405.00

UNLIMITED ELECTRICAL CONTRACTOR LICENSE REQUIREMENTS

- 12,000 Total Hours on the job experience in electrical construction work
 - Proof of 4,000 hours experience as licensed electrical journeyman
 - 4,000 hours must be in commercial industrial work obtained while employed by a licensed electrical contractor
 - 6,000 hours maximum allowed for formal electrical related education
 - 2,000 hours maximum may be satisfied by:
 - verified electrical maintenance OR
 - verified military electrical installations

LIMITED ELECTRICAL CONTRACTOR LICENSE REQUIREMENTS

This person is prohibited from engaging in the work of an apprentice or journeyman electrician

- Degree in Electrical Engineering from an accredited college or university and an additional
- 8,000 hours of electrical experience in field construction, electrical estimating, electrical project management in commercial/industrial electrical work, OR
- verification of 16,000 hours experience in the electrical trade performing electrical work, estimating or project management in commercial/industrial work

RESIDENTIAL ELECTRICAL CONTRACTOR REQUIREMENTS

(Residential electrical licenses are limited to wiring buildings as defined in the NEC for one and two family dwellings)

- 8,000 Hours total
 - 4,000 hours as a residential or unlimited journeyman electrician under the employment and supervision of an electrical contractor
 - 4,000 hours as an apprentice OR
 - 3,000 hours as an apprentice and 1,000 hours may be satisfied by formal electrical related education
- Passed the residential or unlimited journeyman electrical examination

UNLIMITED ELECTRICAL JOURNEYMAN REQUIREMENTS

- 8,000 Total hours on the job experience in the electrical construction trade under the direct supervision of a licensed journeyman or licensed contractor
 - 4,000 hours must be in commercial / industrial work
 - 4,000 hours may be satisfied by formal electrical related education
 - 2,000 hours maximum may be satisfied by:
 - verified electrical maintenance OR
 - verified military electrical installations

RESIDENTIAL ELECTRICAL JOURNEYMAN REQUIREMENTS

(Residential electrical licenses are limited to wiring buildings as defined in the NEC for one and two family dwellings)

- 4,000 hours experience as an apprentice
- 2,000 hours may be satisfied by formal electrical related education
 - 2,000 hours maximum may be satisfied by:
 - verified electrical maintenance OR
 - verified military electrical installations

For purposes of meeting the experience requirements, one (1) year full-time employment equals two thousand (2,000) hours

REFINERY ELECTRICAL JOURNEYMAN REQUIREMENTS

(Refinery electrical licenses are limited to wiring inside Refinery facilities that are defined as facilities designed and operated to receive, unload, store, process and refine raw crude oil.)

A verifiable license in the unlimited electrical classification issued by a jurisdiction outside of the State of Oklahoma that is:

- i. current, and
- ii. in good standing.

RECEIVED

OCT 14 2011

ELECTRICAL

EXAMINATION INFORMATION

All applicants are required to pass the Oklahoma electrical exam to gain licensure – exception: reciprocal applicants

Once the Construction Industries Board receives your application and remittance, it will be reviewed for approval. Your information will be forwarded to our national testing provider PSI for testing. You will receive notification from PSI on study material, testing sights, testing fees and testing dates. You may contact PSI at (800) 733-9267 or at www.psiexams.com

BUSINESS & LAW

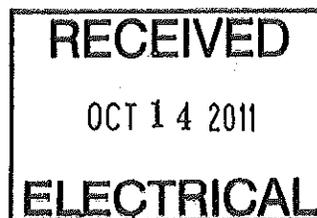
The following reference materials are allowed in the examination center:

- Oklahoma Electrical Industry Regulations, Oklahoma Code, Title 158, Chapter 40, Oklahoma Construction Industries Board, 2401 NW 23rd Street, Suite 5, Oklahoma City, OK 73107, www.ok.gov/cib/.
- Oklahoma Fine Schedule of the Construction Industries Board, Oklahoma Code, Title 158, Chapter 10, Oklahoma Construction Industries Board, 2401 NW 23rd Street, Suite 5, Oklahoma City, OK 73107, www.ok.gov/cib/.
- Oklahoma Workers' Compensation Act, Oklahoma Statutes, Title 85, Oklahoma Construction Industries Board, 2401 NW 23rd Street, Suite 5, Oklahoma City, OK 73107, www.ok.gov/cib/.
- Oklahoma Electrical License Act, Oklahoma Statutes, Title 59, Chapter 40A, Oklahoma Construction Industries Board, 2401 NW 23rd Street, Suite 5, Oklahoma City, OK 73107, www.ok.gov/cib/.
- Oklahoma Lien Law, Oklahoma Statutes, Title 42, Chapter 3, Oklahoma Construction Industries Board, 2401 NW 23rd Street, Suite 5, Oklahoma City, OK 73107, www.ok.gov/cib/.
- Construction Management Guide: Basic Business and Project Management for Contractors, 2004, National Association of State Contractor Licensing Agencies (NASCLA), PO Box 14941, Scottsdale, AZ 85267, (480) 948-3363, www.nascla.org

UNLIMITED and LIMITED / CONTRACTOR and JOURNEYMAN

The following reference materials are allowed in the examination center:

- NFPA 70 - National Electrical Code, 2008 Edition, National Fire Protection Association (NFPA), 1 Batterymarch Park, Quincy, MA 02169-9101, (800) 344-3555, www.nfpa.org
- Code of Federal Regulations Title 29, Part 1926 (OSHA), 2002, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954, (888) 293-6498, <http://bookstore.gpo.gov/> --OR-- PSI OSHA Excerpts 2003, PSI, 3210 E Tropicana, Las Vegas, NV 89121, (800) 733-9267, www.psiexams.com
- Ugly's Electrical References, 2005, George V. Hart, Sammie Hart, ISBN: 0-9623229-7-0, Burleson Distributing Corp., 3501 Oak Forest Drive, Houston, TX 77018, (800) 531-1660, www.uglyselectrical.com



GUIDELINES FOR APPLICATION
DO NOT RETURN THIS PAGE WITH YOUR APPLICATION

GENERAL INSTRUCTIONS

Applicants for Electrical License should make themselves familiar with The Electrical Licensing Act and the Rules and Regulations. The application must be completed and signed by the applicant. An application is not considered complete and will not be processed until all items have been submitted as required. All information provided must be typed or legibly printed in black ink using upper case letters. Attachments must be submitted on separate pieces of single-sided, 8½" x 11" paper. Please use a paperclip to fasten all pages together, with the check or money order on top. Do not use staples.

Completion

1. Your application must be complete. Check the box at the top right hand corner of the application for the license for which you are applying.
2. Your signature and "Affidavit of Lawful Presence" must be notarized.
3. Work history must be completed for all types of electrical license. Provide a complete work history with all blanks filled out. If a company that you have worked for is out of business state so on the form. (You may duplicate the work history form as many times as is necessary to be complete.)
4. Experience affidavits must be provided and signed by the employer(s). Any non-employer must provide information describing how he has knowledge that you worked those hours. Making a false statement in the application for a license may result in suspension, revocation, and/or prosecution for perjury. (You may duplicate the affidavit of experience form as many times as is necessary to be complete.)

Experience

5. Oklahoma residents must have been registered as an apprentice to accumulate the requisite hours for a Residential Journeyman or Unlimited Journeyman license.
6. Out-of-state residents must have completed similar experience requirements and include a front and back copy of apprenticeship registrations or all government issued electrical license(s).
7. Utility electrical work is not counted as experience. Education and applicable military experience can only count a maximum of 2000 hours.
8. To obtain educational credit you must present transcripts, classroom hours attended, grades, and certificates of approved course(s).
9. You may be asked to provide tax records or a social security earnings report if hours are irregular or in cases where the experience was obtained from companies that are now out of business.

Fees

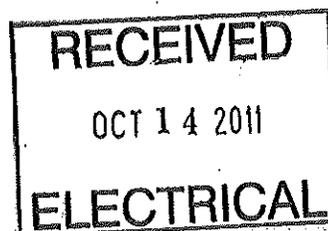
10. Make sure you include a check for the proper amount of license fees and the non-refundable processing fee.

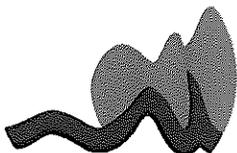
Reciprocity

11. Reciprocal license can NOT be 'grandfathered license'.
12. You must have had a license a minimum of one year to reciprocate.
13. The application including 'Work History' must be completed. Only the 'Affidavit of Experience' may be omitted.

If your address changes after you submit your application notify CIB in writing. The Electrical Licensing Unit of the Construction Industries Board works very hard to process your application in a timely manner. Please do not call to check the status of your application. You will be notified in writing once your application has been reviewed.

DO NOT RETURN THIS PAGE WITH YOUR APPLICATION





July 20, 2010

Mr. Robert A. Reynolds, Jr.



Re: Apprentice A-0117

Robert A. Reynolds, Jr. was a registered Apprentice from July 21, 2004 through May 1, 2005.

Respectfully,

Michael M. Andrews
Chief Electrical Inspector/Electrical Inspector II
City of GRAND RAPIDS
mandrews@grcity.us

MMA/pk



INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS WEST MICHIGAN LOCAL NO. 275

SEAN EGAN
BUSINESS MANAGER/FINANCIAL SECRETARY

October 7, 2010



To Whom It May Concern,

This letter is to inform you that Robert Reynolds, Social Security number _____, has accumulated 792.5 hours from October 3, 2003 to May 31, 2004 under the direct supervision of Journeyman Wireman and Master Electricians. His work experience includes Commercial, Residential and Industrial wiring.

Please accept this letter as proof of his experience in the electrical construction industry through West Michigan Local Union #275, IBEW.

Sincerely,

A handwritten signature in cursive that reads "Sean Egan".

Sean Egan
Business Manager
West Michigan Local 275, IBEW

SE/sm OPEIU #459 afl-cio

Sworn to before me this 7th day of October, 2010

Notary Public Suzanne T. McCall
Suzanne T. McCall

SUZANNE T. MCCALL
NOTARY PUBLIC, STATE OF MI
COUNTY OF OTTAWA
MY COMMISSION EXPIRES Dec 18, 2012
ACTING IN COUNTY OF Ottawa

Acting in the County of Ottawa
My commission expires December 18, 2012



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 33

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Rudolph D. Engisch to sit for the master electrician examination

APPLICANT REPRESENTATIVE:

Rudolph D. Engisch

PROJECT:

N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the master electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec 3a. (c), MCL 338.883c Sec. 3c. (1) a,b,c,d,e, and Electrical Administrative Board General Rules, R338.1004a Rule 4a. (1), (a), (b), (2), 338.1006a Rule 6a. (1), (2)

FINDINGS:

Mr. Engisch submitted an application to the Electrical Division to sit for the State of Michigan master electrician examination. The application was received by our office on August 3rd, 2011. After reviewing the application it was determined that additional

Providing for Michigan's Safety in the Built Environment

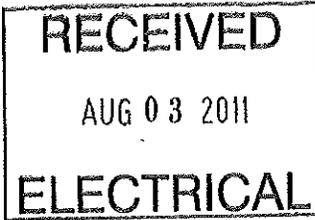
LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

information would be needed and a letter was sent to Mr. Engisch on September 12, 2011 requesting that information. The department received the additional information on September 30, 2011. Mr. Engisch holds a current Class A master electrician license in the State of Minnesota. The information Mr. Engisch supplied with his application also indicates that he holds electrical contractors and master electrician licenses in several other states.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Engisch has attained in the State of Minnesota to determine whether that experience is equivalent to that required by Michigan statute to sit for the master electrician examination.



Application for Master Electrician Examination
Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes / Electrical Division
P.O. Box 30255, Lansing, MI 48909
517-241-9320
www.michigan.gov/bcc

Agency Use Only

6217515

Examination Fee: \$100.00 (nonrefundable)

Authority: 1956 PA 217
Completion: Mandatory
Penalty: Examination will not be given

LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Instructions:

- See back of application for qualifications for examination.
Complete and sign application. Type or print in ink.
Application and fee must be received 20 business days prior to the examination date.
Applicant must not be less than 22 years of age.
Provide original notarized statements from current and past employers documenting required experience with this application.
Enclose a check made payable to the State of Michigan.
Mail completed application, required documents, and payment to the address listed above.

Applicant Information

Form with fields for NAME, DATE OF BIRTH, SOCIAL SECURITY NUMBER, ADDRESS, CITY, TOWNSHIP, COUNTY, STATE, ZIP CODE, TELEPHONE NUMBER, JOURNEYMAN LICENSE NUMBER, NUMBER OF YEARS JOURNEYMAN LICENSE HELD, LICENSING JURISDICTION.

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:

City of Township of

Examination Site

Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month.

Preferred Site

Lansing

Escanaba

Preferred Month

November

September

per TX to Rudy 8/4/11

If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation.

Certification and Signature

I certify the information is true and accurate to the best of my ability and I have the experience required for this examination. I further understand falsification of any statement is cause for rejection of this application or revocation of license, if issued.

APPLICANT'S SIGNATURE

DATE 7-25-2011

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

Qualifications for Examination

To qualify for a master electrician license examination, a person shall meet the following criteria:

- (a) Provide an *original notarized* statement from present or past employers to demonstrate the attainment of 4,000 hours in not less than 2 years of practical experience under the supervision of a master electrician, subsequent to initial journeyman license issue date.
- (b) If the journeyman license was not issued by the board (department), provide a copy of the license that was issued by a municipality providing for licensing pursuant to the provisions of section 6 of the act or a statement from the licensing authority that verifies the license issue date shall be furnished.

Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a master electrician in another state or country may qualify for examination upon a determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan. Refer to information packet.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a passing score of 75% or higher, the applicant will be billed \$50.00 for the master electrician license prior to issuance of the license.

A separate license is required for an electrical contractor.



Agency Use Only

Approved for Exam Yes No

Date of Exam	Score	Absent	Date of Exam	Score	Absent

Validation Area

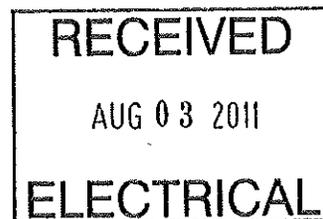
Tran Info:103 17025455-1 08/01/11
 Chk#: 40764 Amt: \$100.00
 ID: NATIONAL CONDUCTOR CONSTRUCTORS

Date Approved by EAB _____

Rudolph Engisch

Current Licensing:

- | | |
|---|--------------------------------|
| 1 Minnesota A Master Electrician | AM06661 |
| 2 Iowa Master Class A Electrician | EL-0024668 |
| 3 North Dakota Master Electrician | 2853 |
| 4 South Dakota Electrical Contractor | EC2762 |
| 5 Nebraska Electrical Contractor | 21463 |
| 6 Alaska Electrical Journeyman | 310571 |
| 7 Arkansas Master Electrician | Passed/waiting for card |





RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

September 12, 2011

Rudolph D Engisch

Dear Mr. Engisch:

Your application for the November electrical examination cannot be approved for the following reason(s):

A person who is licensed as a master or journeyman electrician in another state or country may qualify for examination upon a determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan.

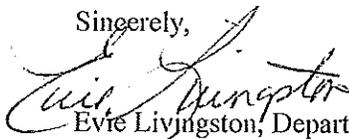
1. Provide a copy of your current journey or master license and the licensing requirements for the city, township, village, county, state, or country that issued your current electrical license
2. Provide copies of the electrical contractor's license that provided your employment and the qualifying master electrician's license for verification.
3. A copy of the licensing requirements for the city, township, village, county, state or country that issued the license for the master electrician that supervised you.
4. A copy of the license requirements for the city, township, village, county, state or country that issued the license for the contractor who provided your employment.

Return a copy of this letter to PO Box 30254, Lansing, MI 48909 with any response required by October 3, 2011 to be eligible for the November exam.

If you are unable to provide the additional information requested you will be ineligible for the examination and any fees paid will be forfeited as outlined in Rule 338.1002a of the General Electrical Administrative Board Rules.

Please contact the Electrical Division at 517-241-9320 if you have any questions.

Sincerely,


Evie Livingston, Departmental Technician
Electrical Division

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

RECEIVED
SEP 30 2011
ELECTRICAL

STATE OF MINNESOTA
MASTER A ELECTRICIAN

License # AMD6661
Expiration Date 02/28/2013
Effective Date 06/08/2011

RUDOLPH D ENGISCH

1



DEPARTMENT OF LABOR AND INDUSTRY
Construction Codes and Licensing Division
443 Lafayette Road N
Saint Paul, MN 55155

Boiler/HHP/Plumbing: 651/284-5059 Electrical: 651/284-5031

- This Card must be in your possession during working hours. You must sign card.
- A renewal will only be delivered to the correct address. Send address change to the above address within 10 days of change.
- Renew your license online at www.dol.state.mn.us/paycenter.


Signature

The commissioner shall advise the board of the disposition of a complaint referred by the board within 180 days after the board's written submission is received. The commissioner shall annually report to the board a summary of the actions taken in response to complaints referred by the board.

Subd. 9. Data Practices Act. The board is subject to chapter 13, the Minnesota Government Data Practices Act, and shall protect from unlawful disclosure data classified as not public.

Subd. 10. Official records. The board shall make and preserve all records necessary to a full and accurate knowledge of its official activities in accordance with section 15.17.

326B.33 LICENSES.

Subdivision 1. Master electrician. Except as otherwise provided by law, no individual shall perform or supervise electrical work unless the individual is: (a) licensed by the commissioner as a master electrician; and (b)(i) the electrical work is for a licensed contractor and the individual is an employee, partner, or officer of, or is the licensed contractor, or (ii) the electrical work is performed for the individual's employer on electrical wiring, apparatus, equipment, or facilities that are owned or leased by the employer and that are located within the limits of property operated, maintained, and either owned or leased by the employer.

(1) An applicant for a Class A master electrician license shall (a) be a graduate of a four-year electrical course offered by an accredited college or university; or (b) shall have had at least one year of experience, acceptable to the commissioner, as a licensed journeyman; or (c) shall have had at least five years' experience, acceptable to the commissioner, in planning for, laying out, supervising and installing wiring, apparatus, or equipment for electrical light, heat and power.

(2) As of August 1, 1985, no new Class B master electrician licenses shall be issued. An individual who has a Class B master electrician license as of August 1, 1985, may retain and renew the license and exercise the privileges it grants, which include electrical work limited to single phase systems, not over 200 amperes in capacity, on farmsteads or single-family dwellings located in towns or municipalities with fewer than 2,500 inhabitants.

Subd. 2. Journeyman electrician. (a) Except as otherwise provided by law, no individual shall perform and supervise any electrical work except for planning or laying out of electrical work unless:

(1) the individual is licensed by the commissioner as a journeyman electrician; and

(2) the electrical work is:

(i) for a contractor and the individual is an employee, partner, or officer of the licensed contractor; or

(ii) performed under the supervision of a master electrician also employed by the individual's employer on electrical wiring, apparatus, equipment, or facilities that are owned or leased by the employer and that are located within the limits of property operated, maintained, and either owned or leased by the employer.

(b) An applicant for a Class A journeyman electrician license shall have had at least four years of experience, acceptable to the commissioner, in wiring for, installing, and repairing electrical wiring, apparatus, or equipment, provided however, that one year of experience credit for the successful completion of a two-year post high school electrical course approved by the commissioner may be allowed.

(c) As of August 1, 1985, no new Class B journeyman electrician licenses shall be issued. An individual who holds a Class B journeyman electrician license as of August 1, 1985, may retain and renew the license and exercise the privileges it grants, which include electrical work limited to single phase systems, not over 200 amperes in capacity, on farmsteads or on single-family dwellings located in towns or municipalities with fewer than 2,500 inhabitants.



Minnesota Electrical License (Contractor, Master, Journeyman)

Requirements Services Application Reciprocity Continuing Ed Exam Books Exam Review

**Requirements to Obtaining your License**

- Masters license requires 60 months of electrical experience or an electrical engineering degree.
- Journeyman license requires 48 months of electrical experience or 36 months experience with a degree in electrical construction.
- Electrical Contractors must provide a \$5,000 bond, show evidence of liability insurance, and a certificate of employment of a master electrician.

**Work that can be Done Under this License**

"Class A master electrician" means an individual having the necessary qualifications, training, experience, and technical knowledge to perform and supervise any electrical work, and who is licensed as a Class A master electrician by the commissioner.

"Class A Journeyman electrician" means an individual having the necessary qualifications, training, experience, and technical knowledge to install, alter, repair, and supervise the installing, altering, or repairing of electrical wiring, apparatus, and equipment for light, heat, power, and other purposes who is licensed as such by the board of electricity.

The term "contractor" means a person, partnership, or corporation operating a business that undertakes or offers to undertake to plan for, lay out, or install or to make additions, alterations, or repairs in the installation of electrical wiring, apparatus, or equipment for light, heat, power, and other purposes with or without compensation who is licensed as such by the board of electricity. A contractor's license does not of itself qualify its holder to perform or supervise the electrical work authorized by holding any class of electrician's or other personal electrical license.

**Applying to get your License**

To apply for a license, please contact the Minnesota Department of Labor and Industry at 651-284-5065.

Fees:

- If you license is for jobs that are less than \$1,000,000, the license fee is \$100 and the recovery fund fee is \$160.
- If you license is for jobs that are from \$1,000,000 to \$5,000,000, the license fee is \$100 and the recovery fund fee is \$210.
- If you license is for jobs that are greater than \$5,000,000, the license fee is \$100 and the recovery fund fee is \$260.

**Reciprocity Agreements**

Reciprocal agreements exist with North Dakota, South Dakota, and Nebraska

**Continuing Education**

16 hours of continuing education are required every renewal cycle. 12 hours must be on the National Electrical Code and up to 4 hours may be on related technical subjects or the Minnesota Electrical Act and Minnesota Rules Chapter 3800.

**Exam Details**

- The Master and Journeyman examinations have 80 questions and a time limit of 5 1/2 hours.
- A 70% is required to pass.
- Exam results are mailed to applicants within one week of the exam.
- To schedule, call 1-651-284-8511.
- Topics on exams include general knowledge, services, grounding, bonding, motors, transformers, lighting, and overcurrent protection.

**Books and References for the Exam**

The following references are provided for you at the time of the examination. These references can be purchased at our online bookstore or by calling 1-800-952-0910.

- 2008 National Electrical Code
- NFPA 70E - National Electrical Safety Code
- Laws and Rules Regulating Licensing of Electricians (Available to Print Online)

Exam Review, Training, Education

Construction Codes and Licensing
Licensing and Certification
443 Lafayette Road N
Saint Paul, MN 55155
www.dli.mn.gov/ccld.asp



MINNESOTA DEPARTMENT OF
LABOR & INDUSTRY

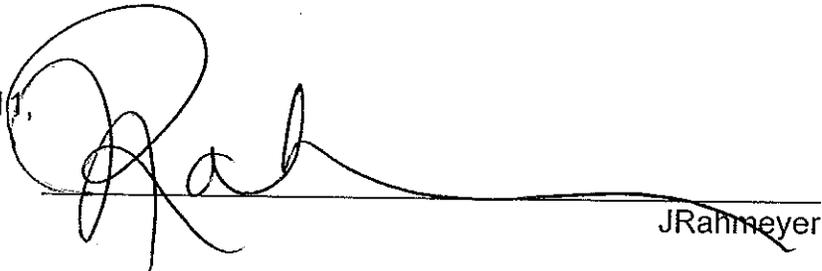
(651) 284-5031
1-800-DIAL-DLI
Fax: (651) 284-5743
TTY: (651) 297-4198
DLI.License@state.mn.us

CERTIFICATE OF STATE ENDORSEMENT

As a representative of the licensing authority of the State of Minnesota, I hereby certify that Joseph L. Hegarty of Brainerd, Minnesota was granted on Friday, June 10, 1994 License Number AM05202 as a Master A Electrician on the basis of a State examination in which he received a passing grade.

I further certify that such license was never revoked or suspended since issuance.

This 20th day of September, 2011,



J.Rahmeyer

Full Title: Customer Service Senior

Licensing and Certification Services, Construction Codes and Licensing Division

Office Name of License Authority: Minnesota Department of Labor and Industry

Address: 443 Lafayette Road North

Saint Paul, Minnesota 55155

651.284.5031

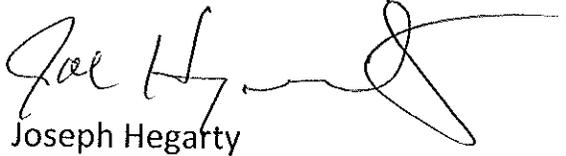


(SEAL)

I Joseph Hegarty, Minnesota Master License AM 05202 Supervised
Rudolph Engisch while we were both employed at Potlatch Corp. in Brainerd, MN
From JUNE 10th, 1994 TO MAY 20th, 2002

Rudolph Engisch Worked Full Time the entire time, totaling 15,720 hours

In the capacity of Journeyman and master electrician.


Joseph Hegarty





TAMARAH SUE AMUNDSON
NOTARY PUBLIC - MINNESOTA
COMMISSION #31040465
MY COMMISSION EXPIRES 01/31/2015

RECEIVED
SEP 30 2011
ELECTRICAL

STATE OF MINNESOTA
MASTER A ELECTRICIAN



License # AM05202
Expiration Date 02/28/2013
Effective Date 01/21/2011

JOSEPH L HEGARTY

RECEIVED
SEP 30 2011
ELECTRICAL

DEPARTMENT OF LABOR AND INDUSTRY
Construction Codes and Licensing Division
443 Lafayette Road N
Saint Paul, MN 55155

Boiler/HHP/Plumbing: 651/284-5059 Electrical: 651/284-5031

- This Card must be in your possession during working hours. You must sign card.
- A renewal will only be delivered to the correct address. Send address change to the above address within 10 days of change.
- Renew your license online at www.doli.state.mn.us/pavcenter.


Signature



MINNESOTA DEPARTMENT OF
LABOR & INDUSTRY

CLASS A ELECTRICAL CONTRACTOR LICENSE

Construction Codes and Licensing Division Licensing and Certification Services PO Box 64227 St. Paul, MN 55164-0227
Website: www.doli.state.mn.us E-mail: DLI.License@state.mn.us Telephone: 651-284-5031

Company Name: **NATIONAL CONDUCTOR CONSTRUCTORS**

Address: **18119 STATE HIGHWAY 371
BRAINERD, MN 56401**

License Number: **CA03006**

Effective Date: **03/01/2010**
Expiration Date: **02/29/2012**



MINNESOTA DEPT. OF LABOR AND INDUSTRY
CONSTRUCTION CODES AND LICENSING
PO Box 64227
ST. PAUL, MN 55164-0227

GIVE THIS CARD TO EMPLOYER

STATE OF MINNESOTA
MASTER A ELECTRICIAN



License # AM03977
Expiration Date 02/28/2013
Effective Date 01/21/2011

LESLIE R TRAPP

RECEIVED
SEP 30 2011
ELECTRICAL



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

November 3, 2011

E-11- 34

TO: Members of the State Electrical Administrative Board
FROM: Dan O'Donnell, Chief, Electrical Division
SUBJECT: Appeal by Michael A. Geibel to sit for the journeyman electrician examination

APPLICANT REPRESENTATIVE:

Michael A. Geibel

PROJECT: N/A

AUTHORITY:

The Michigan Electrical Administrative Act, 1956 PA 217 of the Michigan Compiled Laws.

The Electrical Administrative Board General Rules

REQUEST:

Requesting an appeal to sit for the journeyman electrician examination.

APPLICABLE RULE:

1956 PA 217, MCL 338.883a Sec. 3a. (c), MCL 338.883d Sec. 3d. (1), (a), (b), (c), (d), Administrative Board General Rules R338.1005a Rule 5a. (1), (2), (3), R338.1006a Rule 6a (1), (3), (4).

FINDINGS:

Mr. Geibel submitted an application to the Electrical Division to sit for the State of Michigan journeyman electrician examination. The application was received by our office on August 22, 2011. After reviewing Mr. Geibel's application it was determined that additional information would be needed and a letter was sent to Mr. Geibel on September 20, 2011 requesting that information. The department did receive some of the

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570

additional information that was requested on October 24th, 2011, however, Mr. Geibel was unable to provide any electrical licensing information because the State of Pennsylvania does not license construction trades people. The department contacted Michael Varholla, vice president for the International Brotherhood of Electrical Workers (IBEW) Local 5 in Pittsburgh, Pennsylvania where Mr. Geibel served his electrical apprenticeship and is a current member. Mr. Varholla did confirm that the State of Pennsylvania does not have statewide licensing requirements for construction trades people and that it is up to the over 2500 municipalities throughout the state whether or not they want to license electricians or electrical contractors. The business manager also stated that the electrical contractors that are signatory with IBEW Local 5 are licensed in the City of Pittsburg, however the city does not require the employees that work for those contractors to be licensed. The department also confirmed that the joint apprenticeship training program (JATC) through Local 5 is registered with the United States Department of Labor Office of Apprenticeship.

RECOMMENDATION:

Staff recommends that the board consider the electrical experience that Mr. Geibel has attained in the State of Pennsylvania as well as his completion of the IBEW/JATC apprenticeship training program to determine whether that experience is equivalent to that required by Michigan Statute to sit for the journeyman electrician examination.



Application for Journeyman Electrician Examination
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Electrical Division
 P.O. Box 30255, Lansing, MI 48909
 517-241-9320
 www.michigan.gov/bcc

Agency Use Only

6336332

Examination Fee: \$100.00 (nonrefundable)

Authority: 1956 PA 217
 Completion: Mandatory
 Penalty: Examination will not be given

LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.

Instructions: To be eligible to make application for and take this examination an applicant shall meet the following criteria:

- Complete and sign application. Type or print in ink.
- Application and fee must be received 20 business days prior to the examination date.
- Applicant must not be less than 20 years of age.
- Provide **original notarized** documentation from present or former employers to the effect that the applicant has not less than 8,000 hours of practical experience obtained over a period of not less than 4 years related to electrical construction or electrical maintenance of buildings under direct supervision of a person licensed pursuant to the act. Documentation must include the beginning (month, day, year) to ending (month, day, year) dates of employment. The 8,000 hours of practical work experience over 4 years must be attained prior to the deadline date for submitting documentation. **Notarized**, original documentation must be on employers' letterhead stationery and provide dates of employment and hours worked under licensed supervision and signed by the qualified master electrician.
- Enclose a check made payable to the **State of Michigan**.
- Mail completed application, required documents, and payment to the address listed above.

Information

Applicants are permitted one examination for the \$100.00 fee. Upon achieving a minimum passing score of 75% or higher, the applicant will be billed \$40.00 for the journeyman electrician license prior to issuance of the license. Failure of examination 2 times within 2 years requires 1 year waiting period from the date of the second failure and proof of successful completion of a course on code, electrical fundamentals or theory to be eligible for reexamination. Examination fee is forfeited upon failure to appear for scheduled examination unless written explanation is received within 10 business days of the examination.

Examination Eligibility of Applicants From Other States or Countries

A person who is licensed as a journeyman electrician in another state or country may qualify for examination upon determination by the board that the license was obtained by the person through substantially the same or equal requirements as those of the state of Michigan in accordance with the provisions of section 3a of the act.

Applicant Information

NAME (Last Name, First Name, Middle Initial) <i>Geibel, Michael A.</i>		DATE OF BIRTH	LAST 4 DIGITS OF SOCIAL SECURITY NUMBER* <i>XXX-XX-</i>
CITY	STATE <i>MI</i>	ZIP CODE	TELEPHONE NUMBER (Include Area Code)

Have you previously taken this examination? Yes No

If examination was not administered by the State Electrical Division provide the licensing entity:

City of _____ Township of _____

Examination Site

Examinations are given at the sites listed below. Refer to the enclosed "Schedule of Electrical Board Meetings and Licensing Examinations" for examination dates. Please check below the site you wish to be examined at and indicate a preference of examination month. If approved for examination, an admission card will be mailed to you approximately 10 days prior to the examination date. If the examination you have selected is full, you will be scheduled for the next available examination at your preferred site.

Preferred Site

- Lansing
- Escanaba

Preferred Month

Nov. 3, 2011

If you have a disability and require an accommodation to take the examination, please submit written documentation from a professional (education professional, doctor, psychologist, psychiatrist) to certify that your disabling condition requires the requested test accommodation. Forms are available from this office.

*This information is confidential. Disclosure of confidential information is protected by the Federal Privacy Act.

Experience Record (attach additional sheets if necessary)

NAME OF CURRENT EMPLOYER <i>ABY Electric Company L.P (Contractor)</i>		DATES OF EMPLOYMENT (MM/DD/YY) BEGINNING: <i>4-17-2002</i> ENDING: <i>Present</i>	
ADDRESS <i>184 Moore Rd</i>	CITY <i>Butler</i>	STATE <i>PA.</i>	ZIP CODE <i>16001</i>
TYPE OF WORK PERFORMED <i>Heavy Industrial (work performed in various steel mills, chemical refineries and other industrial to others in Western Pennsylvania) Conduit Installations, motor control, transformers, pull wire, terminate wire, install switchgear Cable Tray, branch circuitry, receptacles, lighting, switches</i>			
NAME OF EMPLOYER		DATES OF EMPLOYMENT (MM/DD/YY)	
ADDRESS	CITY	STATE	ZIP CODE
TYPE OF WORK PERFORMED <i>See Attached Resume</i>			

Certification and Signature of Applicant

I certify the information provided is true and accurate to the best of my ability and I have the experience required for this examination. I further understand fraud or deceit in obtaining a license is grounds for administrative action in accordance with the act.

APPLICANT'S SIGNATURE <i>Timothy A. Hill</i>	DATE <i>8-14-11</i>
---	------------------------

** Requesting to speak to electrical board members during meeting on Nov. 3rd 2011 regarding approval of Journeyman electrician licensing exam for out of state electrician. Also requesting test to be taken Nov. 3rd 2011 or as soon as possible. Thank you*

Timothy A. Hill

Agency Use Only

Approved for Exam Yes No

Validation Area

Date of Exam	Score	Absent	Date of Exam	Score	Absent

Tran Info: 103 17067760-1 08/24/11
Chk#: 1628 Amt: \$100.00
ID: KOLLIE A GETBEL

Date Approved by EAB _____

RECEIVED
 AUG 25 2011
ELECTRICAL

Michael Geibel

June 27, 2011



To whom it may concern,

I am forwarding my resume for consideration of your Journeyman Electrician position.

Twelve years of electrical experience in the residential, commercial, and industrial sectors have made me a versatile electrician.

Organizational skills gained in various settings have given me confidence in leadership positions, working well with others as a team builder and teacher. Analytical skills utilized in troubleshooting have provided continuous on the job learning experiences, broadening my knowledge base.

I feel my abilities would be well suited to the job offered, as I am a highly motivated individual who is able to travel as required.

Feel free to contact me for further information or to set up a job interview. I look forward to meeting with you.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Michael A. Geibel".

Michael A. Geibel

Enclosure: Resume

MICHAEL GEIBEL

RECEIVED

AUG 25 2011

ELECTRICAL

Address:

Tel:

Email: ;

PROFILE

Personal Statement: Leadership roles have benefited my ability to quickly learn new skills while supervising crews to complete job assignments.

Career Objective: Seeking challenging work environment to apply known skills in new contexts, and to broaden work experience in controls and troubleshooting situations.

KEY SKILLS

Through my work and service in the USMC (93-97), experience has been gained in organizational, leadership and communication skills, personal accountability and integrity. Specific skills include motor control/panel work/E.M.T. and rigid conduit bending and installation/heat trace installation/transformer wiring/aerial lift and bucket truck operation/blueprint reading and O.S.H.A certification.

EDUCATION

Associate Degree – *Electrical Construction Technology*

2000-2005

Allegheny County Community College, Pittsburgh PA

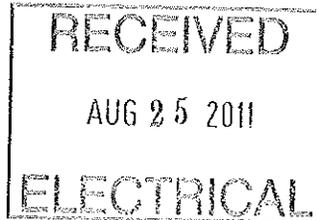
Associate degree in electrical construction technology while completing requirements for apprenticeship in Journeyman Electrical field.

Vocational – *Building Trades & Maintenance*

1991-1993

Butler County Vocational Technical School, Butler PA

Two year certification program.



WORK EXPERIENCE

Pittsburgh PA Locations, Various-western PA

Journeyman Electrician (*Apprenticeship and Journeyman Experience*)

Full Time
Sep1999 to
May 2011

Versatility in many job settings including universities, power plants, refineries, and steel mills. Periodically chosen for team leadership skills to supervise as a working foreman.

Tru-Serve Corporation, East Butler, PA

Full Time

Inventory Control (*Stocking/Inventory maintenance*)

Jan1998 to
July1999

United States Marine Corps, Japan/CA/NC/SC

Full Time

Corporal E-4

Nov1993 to
Oct 1997

ACHIEVEMENTS

Achievements include constant improvement of job skills and experience that lead from apprenticeship roles to leadership positions supervising crews and teaching individuals in my field.

ACTIVITIES AND INTERESTS

Golfing/ Hunting/ Fishing/ Music/ Family Time

The Community College of Allegheny County
Allegheny Campus

The trustees of the Community College of Allegheny County upon recommendation
of the faculty have conferred upon

Michael A. Beibel

the degree of

Associate in Science

Electrical Construction Technology Apprenticeship

in recognition of the satisfactory completion of the requirements for graduation.

Given at Pittsburgh, Pennsylvania, this ninth day of May
two thousand five.



Paul V. Whitford
Chairman of the Board

[Signature]
President

Bruce Johnson
Vice President



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

STEVEN H. HILFINGER
DIRECTOR

September 20, 2011

Michael A Geibel

Dear Mr. Geibel:

We are unable to approve your application to sit for the **November** electrical examination. Per your request you will be scheduled for the **November 3, 2011** Electrical Administrative Board meeting. Please provide our office with the following information:

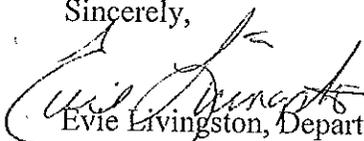
1. Copy of your electrical license(s)
2. Licensing requirements for Pittsburg or State of Pennsylvania
3. Certificate of completion of JATC program
4. Letter from IBEW indicating total number of hours worked

Please provide a copy of this letter along with any documentation to our office no later than **October 5, 2011** to be scheduled for the November 3, 2011 Electrical Administrative Board meeting.

An application that is denied, forfeits all fees paid as outlined in Rule 338.1002a of the General Electrical Administrative Board Rules.

Please contact the Electrical Division at 517-241-9320 if you have any questions.

Sincerely,


Evie Livingston, Departmental Technician
Electrical Division

Providing for Michigan's Safety in the Built Environment

LARA is an equal opportunity employer
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www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



International Brotherhood of Electrical Workers LOCAL UNION NO. 5

5 HOT METAL STREET, SUITE 400, PITTSBURGH, PA 15203-2355
PHONE: (412) 432-1400 FAX: (412) 432-1499

September 29, 2011

Re: Michael A. Geibel
ss:

To Whom It May Concern:

This is to certify that Michael A. Geibel is a Journeyman Inside Wireman member of the International Brotherhood of Electrical Workers (IBEW) Local Union No. 5. He was initiated into the Apprentice Program of IBEW Local No. 5 on July 5, 2000. After Mr. Geibel completed the IBEW Local No. 5 JATC 10,000 hour Apprentice Program, he became a Journeyman Inside Wireman on July 5, 2005.

As a member of IBEW Local No. 5, he receives referrals to employers through this Local Union in accordance with the Referral Procedure in the *Articles of Agreement and Working Rules* between Western Pennsylvania Chapter of the National Electrical Contractors Association (NECA) and IBEW Local Union No. 5. He has worked on all types of electrical construction.

From 1999 through September 29, 2011, Mr. Geibel worked 21,040.63 hours.

Sincerely,

Michael Varholla
Vice President/Business Representative
IBEW Local Union No. 5

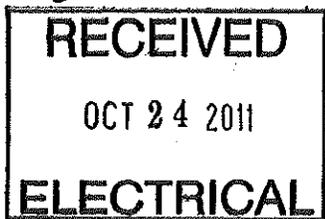
Paul Reinert
Training Director
Joint Apprenticeship Training Committee

/ccw

Commonwealth of Pennsylvania)

) ss.

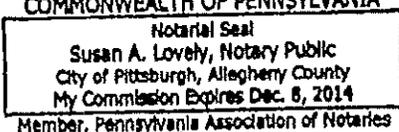
Country of Allegheny)

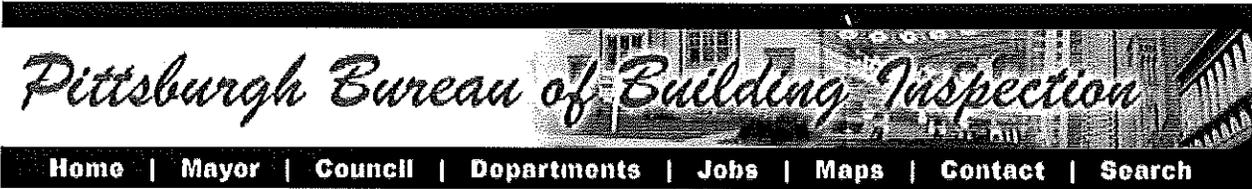


On this, day of October 4, 2011, before me, a notary public, the undersigned Michael Varholla personally appeared before me.

In Witness Whereof, I hereunto set my hand and official seal.

COMMONWEALTH OF PENNSYLVANIA


Notary



Electrical Contractor License

When You Need An Electrical Contractor License:

Anyone who acts, engages, advertises, or otherwise represents to be an electrical contractor (registered electrician) must first obtain a license from the Bureau of Building Inspection.

How To Obtain An Electrical Contractor License:

Step 1

Please check below to make sure that you meet ALL of the pre-qualifications for eligibility.

- You must be 18 years of age or older.
- You must be able to read and speak the English language.
- You must have graduated and received a certificate of attainment in electrical wiring from an accredited school, **and** have at least two years of experience working as an electrician.
- OR you must have ten years of experience working as a registered electrician in another state or municipality or ten years experience working with an electrician registered in the City.

Step 2

If you meet all of the eligibility requirements, please go to www.iccsafe.org/contractor to find out how and where to schedule your examination.

Step 3

Once you have passed the ICC examination, you must apply *in person* for your license Monday through Friday from 7:30 am until 11:30 am. Our office is located at 200 Ross Street, Room 320, Pittsburgh PA 15219.

You must bring the following information with you:

- Completed Application for Electrical Contractor Registration  (along with copy of certificate of attainment if applicable)
- The official pass letter from ICC
- Photo identification (such as a driver's license)
- The name and address of the business you are licensing, if applicable
- Proof of registration for all City taxes - City Tax ID Number (for information call the Finance Department, Business Registration at 412-255-2528, option 1, 2, or 3)

BBI Home
Licenses
Permits
Permit Fees
Permit Forms
Rental Registration Program
Important Codes
Demolition Postings
Directions to BBI

Bureau of Building Inspection
 200 Ross Street - 3rd Floor
 Pittsburgh, PA 15219
 412-255-2175

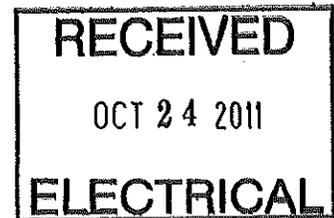
E-mail

Permit Plans Examining
 412-255-2181

Business Licensing
 412-255-2858

Electrical/Mech/HVAC
 412-255-2175

Demolition
 412-255-2187

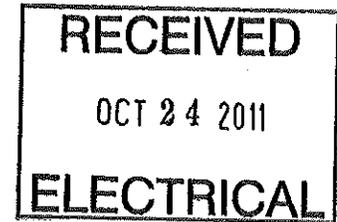


- Certificate of Insurance in the amount of \$300,000

The Fee

See the Table of [License Fees](#). Please note that a credit will be given on your initial license equal to the cost of the ICC examination.

[Pittsburgh Home](#) | [Departments](#) | [Policies](#) | [Contact Us](#)



PENNSYLVANIA *

Department of Labor and Industry

Room 1700

7th and Forster Streets

Harrisburg, PA 17120

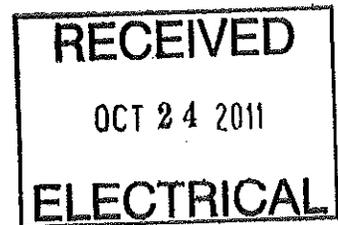
General Information - 717-787-5279

Personnel Information - 717-787-6374

Press Office - 717-787-7530

The Commonwealth of Pennsylvania has no requirements related to the registration, certification or licensure of contractors (or their employees) that are engaged in the construction industry.

Some of Pennsylvania's 2,565 municipalities have established local licensure or certification requirements for contractors or construction trades people. Typically, these requirements pertain to home improvement contractors, electrical contractors (or electricians), and plumbing contractors (or plumbers). Since the Commonwealth has no jurisdiction in this matter, the Department maintains no records concerning municipalities that have established licensure or certification requirements. This information can only be obtained by contacting the municipality where construction work will occur.



REFERENCES

Mr. Michael Landgraf
Foreman/Journeyman Electrician

T: 724-496-5750

Mr. Wayne Kauffman
Journeyman Electrician

T: 724-496-2504

Mr. Joseph Debevic
Automation Engineer

T: 810-423-9645

E: jdebevic@letica.com

Mr. Eugene Louwaert
President / Owner

T: 248-343-4315

E: genel411@sbcglobal.net



Hey Electric
Butler, PA

Professional

Hey Electric
Butler, PA

Professional

Letica Corporation
Rochester Hills, MI

Personal

Genesis Building & Development
Oxford, MI

Professional

**DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
Schedule of Meetings/Hearings**

2012

Bureau/Commission/Office: Bureau of Construction Codes	
Board/Council/Commission: Electrical Administrative Board	
Address: 2501 Woodlake Circle	Telephone: (517) 241-9320
City: Okemos	Michigan Zip Code: 48864
Contact Person: Toni Nelson	Date: August 4, 2011

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Toni Nelson at (517) 241-9320 at least 10 work days before the event. LARA is an equal opportunity employer/program. The Division on Deafness will provide assistance in locating assistive listening devices or interpreters, with advance notice, at (517) 373-1837.



x	Regular Meeting	Special Meeting	Rescheduled Meeting
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DATE	TIME	LOCATION
02/23/2012	9:30 am	Conference Room No. 3, 2501 Woodlake Cir., Okemos, MI
05/24/2012	9:30 am	Conference Room No. 3, 2501 Woodlake Cir., Okemos, MI
08/23/2012	9:30 am	Conference Room No. 3, 2501 Woodlake Cir., Okemos, MI
11/08/2012	9:30 am	Conference Room No. 3, 2501 Woodlake Cir., Okemos, MI

The above is provided pursuant to Sections 4 and 5 of Act 267 of Public Acts of 1976, being Sections 15.264 and 15.265 of the Michigan Compiled Laws.