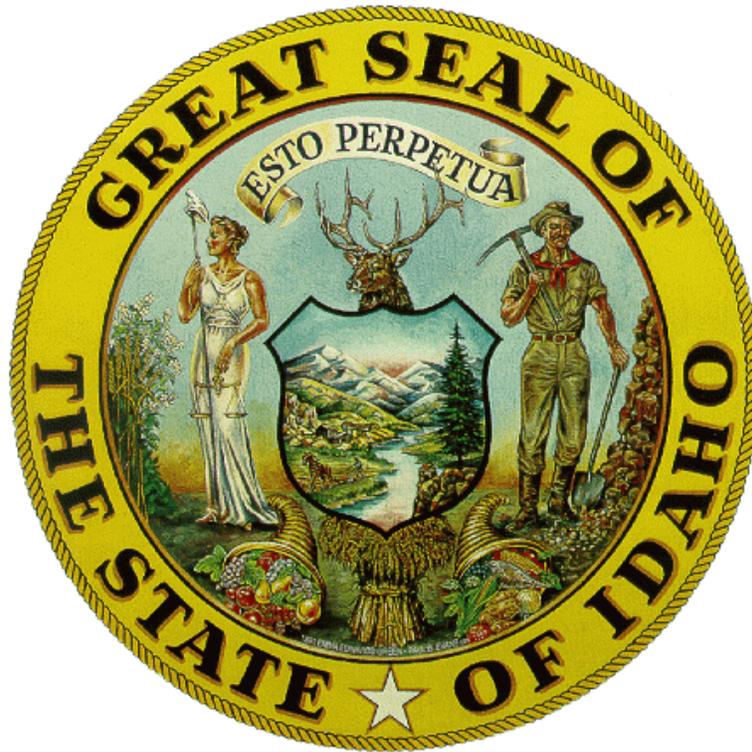


DIVISION OF BUILDING SAFETY

IDAHO ELECTRICAL BOARD
VIDEOCONFERENCE MEETING

JULY 19, 2011



IDAHO ELECTRICAL BOARD

Agenda Item No. 01

Agenda

PRESENTER: Bob Scott, Chairman

OBJECTIVE: Approve the agenda for the July 19, 2011 Idaho Electrical Board Videoconference meeting

ACTION: Consent

BACKGROUND:

PROCEDURAL HISTORY:

ATTACHMENTS: July 19, 2011 Idaho Electrical Board meeting tentative Agenda



TENTATIVE AGENDA

NOTICE OF PUBLIC MEETING

**IDAHO ELECTRICAL BOARD
VIDEOCONFERENCE MEETING**

**Division of Building Safety
1090 East Watertower Street, Suite 150, Meridian, Idaho
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho
2055 Garrett Way, Building 2, Suite 7, Pocatello, Idaho
dbs.idaho.gov – (208) 332-7137**

***Tuesday, July 19, 2011
9:00 a.m. – 3:00 p.m. (MT)***

(Note: Meeting Commences at 8:00 a.m. PT)

9 a.m. CALL TO ORDER – Bob Scott, Chairman

- o Roll Call & Introductions
- o Open Forum

CONSENT AGENDA

1. Approval of July 19, 2011 Agenda
2. Approval of April 21, 2011 Board Meeting Minutes

ACTION AGENDA

3. Administrative Appeals Hearing – Al Caine
 - a. Live Wire Electric – NOV ELE1105-0076, 1105-0077 and 1105-0078
4. Statute Change-Election of Vice Chairman – Patrick Grace
5. Journeyman Failure Waiting Period – Al Caine
6. Apprentice Registration – Al Caine
7. Adoption of the 2011 NEC – Al Caine
8. Solar Photovoltaic Specialty License – Al Caine
9. Fee for Continuing Education Providers – Al Caine

INFORMATIONAL AGENDA

10. Curriculum Committee Update – Rosie Rosco
11. SAC Update – Aaron White

12. Electrical Program Manager Report – Al Caine

13. Operational Report – Steve Keys

12 p.m. LUNCH BREAK *(If needed)*

14. Administrator Report

a. Financial Report – C. Kelly Pearce and Kirk Weiskircher

b. Administrator – C. Kelly Pearce

NEW/OLD BUSINESS

EXECUTIVE SESSION *(If needed)*

3 p.m. ADJOURN

All times, other than beginning, are approximate and are scheduled according to Mountain Time (MT), unless otherwise noted. Agenda items may shift depending on Board preference. 06/21/11r

IDAHO ELECTRICAL BOARD

Agenda Item No. 02

Minutes

PRESENTER: Bob Scott, Chairman

OBJECTIVE: Approve the minutes from the April 21, 2011 Idaho Electrical Board Videoconference meeting

ACTION: Consent

BACKGROUND:

**PROCEDURAL
HISTORY:**

ATTACHMENTS: April 12, 2011 Idaho Electrical Board draft Minutes



IDAHO ELECTRICAL BOARD VIDEOCONFERENCE MEETING

Thursday – April 21, 2011 – 9:00 a.m. (MT)

Division of Building Safety
1090 East Watertower Street, Suite 150, Meridian, Idaho
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho
2055 Garrett Way, Building 2, Suite 7, Pocatello, Idaho

***DRAFT MINUTES OF THE APRIL 21, 2011 MEETING**

NOTE: The following report is not intended to be a verbatim transcript of the discussions at the meeting, but is intended to record the significant features of those discussions.

Vice Chairman Bob Scott called the meeting to order at 9:00 a.m. (MT).

Board Members Present:

Bob Scott, Vice Chairman
Kreg Davis
Jeff Wheeler
Al Frieze
Allan Perman
Tim Phillips
Troy Mortensen
Mark LaBolle
Denis Duman

DBS Staff Members Present:

C. Kelly Pearce, Administrator
Steve Keys, Deputy Administrator, Operations
Patrick Grace, Deputy Attorney General
Al Caine, Electrical Program Manager
Kirk Weiskircher, Financial Specialist, Principal
Chris Jensen, Regional Manager, Eastern Idaho
Tom Loudin, Electrical Supervisor, North Idaho
Renee Bryant, Administrative Assistant 2/Board Secretary

Tom Brown was recognized for his many years of leadership and service on the Idaho Electrical Board with a commemorative plaque.

Denis Duman, Contractor Representative, was welcomed to the Board as the newest member.

◆ **Open Forum**

Reciprocal Journeyman License – Mike Mira, IBEW, inquired on the status of Idaho's reciprocity agreements.

Changes within the National Electrical Reciprocal Alliance (NERA) have allowed Idaho to participate and expand its reciprocity within the organization. Currently, Idaho reciprocates with Colorado, Montana, Nebraska, New Hampshire, North Dakota, Oregon, Texas, Utah, Wyoming, and Maine. Each state can now require individuals to meet their standards.

◆ **Approval of the April 21, 2011 Agenda**

Prior to the meeting, the appropriate parties were notified of the following changes to the agenda: 1) Item 3a, "North Idaho Steam Cleaning Appeal", was removed as the case was resolved prior to meeting; 2) Item 4, "Election of Officers Procedure", was moved from informational to action agenda.

MOTION: Kreg Davis made a motion to approve the Agenda as presented. Mark LaBolle seconded. All in favor, motion carried.

◆ **Approval of the January 6, 2011 Board Meeting Minutes**

MOTION: Mark LaBolle made a motion to approve the Minutes as written. Jeff Wheeler seconded. All in favor, motion carried.

◆ **Notice of Violation**

Karl Mesenbrink – NOV ELE1102-0023 – Karl Mesenbrink represented himself, Electrical Program Manager Al Caine represented the Division of Building Safety (DBS), and Deputy Attorney General Patrick Grace was the facilitator. Witnesses were: Jack Pickens, homeowner; Geret Robinson, DBS Electrical Inspector; and Eva Condors, DBS Office Specialist 2. Deputy Attorney General Grace provided the nature of the violation for the hearing. All parties provided testimony and argument on NOV ELE1102-0023, violation of Idaho Code Section 54-1002 “License Essential to Engage in Business – Licensure Authority Exclusive to the State” and IDAPA 07.01.11.011.01 “Civil Penalties – Electrical Contractor”. Upon adjournment of the hearing, Mr. Mesenbrink was advised of his right to appeal the decision of the Board.

MOTION: Kreg Davis made a motion to uphold the Notice of Violation and Civil Penalty as written. Jeff Wheeler seconded.

AMENDED MOTION: Mark LaBolle made an amendment to the motion to reduce the Civil Penalty from five hundred dollars (\$500) to two hundred dollars (\$200). Denis Duman seconded. Kreg Davis accepted the amended motion. Seven ayes, one nay; motion carried.

ACTION: Patrick Grace will create a Final Written Order for Vice Chairman Scott’s signature and provide a signed copy to Mr. Mesenbrink.

◆ **Election of Officers Procedure**

MOTION: Kreg Davis made a motion to elect Bob Scott as the chairman and Jeff Wheeler as the vice chairman of the Idaho Electrical Board. Troy Mortensen seconded. All in favor, motion carried.

Upon approval of the motion, Deputy Attorney General Grace stated the statute only requires a chairman be elected to preside at meetings of the Board. In the event the chairman is not present at any Board meeting, the Board may, by majority vote of the members present, appoint a temporary chairman.

To preside over meetings in the absence of the chairman, Kreg Davis requested a member of the Board be elected vice chairman every two years.

ACTION: As an action item at the July Board meeting, DBS will amend the statute to authorize the Idaho Electrical Board to elect a vice chairman.

◆ **Pre-Apprenticeship Course**

Rosie Rosco, CWI, explained a pre-apprenticeship course will be offered in the fall of 2011. The one-semester course will allow individuals an opportunity to learn the basics of the construction trade. Subjects to be taught are: construction math, basic safety, construction drawings, hand and power tools, communication, job readiness skills, introduction into the electrical, HVAC and plumbing trades, and “green” environment.

◆ **Hybrid Classes**

Due to costs, CWI will offer hybrid classes, half online/half classroom, in the fall of 2011. This class format will allow apprentices more lab time.

◆ **Curriculum Committee Update**

Irene Vogel, PTE, requested the topic “Curriculum Committee Update” be continued to the July meeting.

ACTION: The topic “Curriculum Committee Update” will be addressed as an informational item at the July 2011 Board meeting.

◆ **SAC Update**

Due to transitions within IBEW, Aaron White requested the topic “SAC Update” be deferred to the July meeting.

ACTION: The topic “SAC Update” will be addressed as an informational item at the July 2011 Board meeting.

◆ **Photovoltaic**

There has been dramatic growth and interest in solar photovoltaic systems in Idaho; however, the resource of educated individuals qualified to provide the services is very limited.

Mike Leonard, Aurora Power and Design and Representative for the Idaho Solar Association, brought forth a proposal to create a solar photovoltaic specialty license for Idaho. The proposal, which closely follows the S202 Utah Specialty license, does not affect licensed electricians currently installing solar equipment.

Although there are organizations/institutes that offer certified training courses, the majority of federal grants stipulate an individual certified by the North American Board of Certified Energy Practitioners (NABCEP) is the only one qualified to bid on the federal grant projects.

DBS will work with the solar industry group to format the proposal into a proposed rule and bring it to the July Board meeting for review. As representatives of the Board, Troy Mortensen, Alan Perman, and Tim Phillips offered their services.

ACTION: For the July Board meeting, DBS will provide a draft proposal for a new solar photovoltaic specialty license.

◆ **Fee For Continuing Education Providers**

In the past, the cost for staff to review, process, approve, create/send approval letters, and maintain approval lists for CEU providers and courses was absorbed by licensing revenue. With the current economic conditions, and upon looking closely at the costs to perform each component, the Division suggested a modest fee be established to support the process.

For future consideration, Kreg Davis asked the Division to generate a proposal and include him in the creation of the specifics.

ACTION: DBS, with Kreg Davis' assistance, will generate a proposal in regards to the establishment of application fees for CEU providers and courses.

◆ **Journeyman Failure Waiting Period**

In administrative rule, a 30-day waiting period is required after an applicant has received less than a passing score on a first and second journeyman exam. The test is now given every month through a third-party testing agency; therefore, the 30-day waiting period is obsolete.

At the suggestion of the Division, and with the support of the Board, a proposed rule to remove the 30-day waiting period will be brought to the July meeting.

ACTION: For the July Board meeting, the Division will bring forth a proposed rule that will strike the length of time an applicant must wait to retake the journeyman exam.

◆ **Legislative Update**

Three rulemaking proposals were approved by the 2011 legislature and became effective April 7, 2011. They are: 1) testing upon completion of apprenticeship school, 2) specialty license category for outside wiremen, and 3) CEU requirements for journeymen and master electricians.

Two of the three statutory changes presented at the 2011 legislature passed and will become effective on July 1, 2011. They are: 1) board member compensation in regards to PERSI, and 2) apprenticeship registration requirements.

The proposed legislation to require all electrical inspectors to be licensed by DBS as master electricians did not pass the House Business Committee.

◆ **Adoption of 2011 NEC**

The Board's primary goal is to get the 2011 NEC approved by the 2012 legislature. The only controversial issue is the expansion of the AFCI, which was expanded in 2008 and has been incorporated in the 2011 code. Two draft proposals were included in the Board packet for the Board's review and consideration. Draft one keeps the AFCI requirement "as is" (bedrooms only). Draft two adopts the full requirements for AFCIs found in the 2011 NEC.

To enlighten the Board and industry of the important role AFCIs play to ensure the safety of Idahoans, Kreg Davis made a presentation titled "Reducing Idaho Fires with AFCIs".

MOTION: Kreg Davis made a motion for DBS to put forth the two draft proposals at the 2012 legislature. Denis Duman seconded. All in favor, motion carried.

◆ **Electrical Program Manager Report**

Training/Meetings – With the continuation of electrician training, DBS electrical inspectors continue to receive their master electrician status. Multi-jurisdictional meetings have been, and continue to be, held in Treasure Valley and eastern Idaho. Jeff Fitzloff teaches code updates for IAEC and has a whole section in his presentation on AFCIs.

◆ **Operational Report**

Financial/Activity Levels – For the first quarter this year versus last year, revenues and activity are down 15%.

Training – One of the biggest ongoing efforts within the Agency is the enhancement of training for electrical, HVAC, plumbing, and elevator inspectors.

Layoffs – There is further contemplation of layoffs within the Division.

◆ **Administrator Report**

Economic News – *The Idaho Statesman* reported a residential slump in the Treasure Valley. Idaho is ranked third in the nation with regard to the highest percentage of layoffs in the construction industry. Connecticut and New Hampshire exceed Idaho.

Board Chairs Meeting – On Friday, April 22nd, Kelly Pearce will meet with the chairmen of each Board to explain the anticipated layoff process.

Financial Report – With the completion of the remodel and Department of Labor renting 47% of the Division’s Meridian office; DBS began to see drawback rental revenue in April.

◆ **New/Old Business**

Testing – DBS employee Caria Jensen will assume the relationship with the Division’s testing vendors, and the coordination of the CEU programs with the Division’s program managers. Her long-term responsibility will be to manage and develop tests; thus allowing the Division to administer its own testing program for licensing. It is anticipated the program will be in place by the end of 2011.

Telecommunication – Troy Mortensen stated a vast majority of the telecommunication industry does not want to be regulated. It is the Division’s standpoint the coalition is responsible to bring forth future legislation.

◆ **Executive Session**

An Executive Session was not required.

MOTION: Mark LaBolle made a motion to adjourn the meeting. Kreg Davis seconded. All in favor, motion carried. The meeting adjourned at 2:43 p.m. (MT).

BOB SCOTT, CHAIRMAN
IDAHO ELECTRICAL BOARD

C. KELLY PEARCE, ADMINISTRATOR
DIVISION OF BUILDING SAFETY

DATE

DATE

*These DRAFT minutes are subject to possible correction and final approval by the Idaho Electrical Board 06/21/11rb

IDAHO ELECTRICAL BOARD

Agenda Item No. 03a Live Wire Electric–NOV ELE1105-0076, 1105-0077, 1105-0078

PRESENTER: Al Caine

OBJECTIVE: Administer a ruling on Live Wire Electric’s appeal - NOV ELE1105-0076, 1105-0077, and 1105-0078

ACTION: Affirm, reject, decrease or increase the imposed penalties

BACKGROUND: The following Notices of Violation (NOV) were issued based upon proposed violations to IDAPA 07.01.11.011.01, “Unlicensed Electrical Contractor”.

NOV ELE1105-0076 – Case Address: 1233 Saddle Ridge Road, Viola, Idaho

NOV ELE1105-0077 – Case Address: 107 Gregory Creek Road, White Bird, Idaho

NOV ELE1105-0078 – Case Address: 104 Airport Road, Grangeville, Idaho

PROCEDURAL HISTORY:

ATTACHMENTS: Documentation from Live Wire Electric, State Office of the Secretary of State, and DBS



IDAHO ELECTRICAL BOARD

Agenda Item No. 04 Statute Change-Election of Vice Chairman

PRESENTER: Patrick Grace

OBJECTIVE: Change the statute to authorize the Idaho Electrical Board to elect a vice chairman every two years

ACTION: Vote to accept, reject, or modify the proposed statute change

BACKGROUND: At the April 2011 Board meeting, Deputy Attorney General Grace stated the statute only requires a chairman be elected to preside at meetings of the Board. In the event the chairman is not present at any Board meeting, the Board may, by majority vote of the members present, appoint a temporary chairman. To preside over meetings in the absence of the chairman, Kreg Davis requested a member of the Board be elected vice chairman every two years.

PROCEDURAL HISTORY:

ATTACHMENTS: Idaho Code § 54-1006(4)



TITLE 54
PROFESSIONS, VOCATIONS, AND BUSINESSES
CHAPTER 10
ELECTRICAL CONTRACTORS AND JOURNEYMEN

54-1006. Idaho electrical board. (1) The Idaho electrical board, hereinafter known as the board, is hereby created and made a part of the division of building safety. It shall be the responsibility and duty of the administrator of the division of building safety to administer and enforce the provisions of this act, and to serve as secretary to the Idaho electrical board.

(2) The board shall consist of nine (9) members to be appointed by the governor with power of removal for cause. Two (2) members shall be licensed journeymen or master electricians; two (2) members shall be employees or officers of licensed electrical contractors; one (1) member shall be a licensed specialty journeyman or contractor; one (1) member shall be an employee or officer of an electrical power provider; one (1) member shall be an employee or officer of a manufacturing plant or other large power user; one (1) member shall be an employee or director of a manufacturer or distributor of electrical supplies or materials; and one (1) member shall be from the public at large not directly associated with the electrical industry. Board members shall be appointed for a term of four (4) years. Members of the board shall hold office until expiration of the term to which the member was appointed and until his successor has been duly appointed and qualified. Whenever a vacancy occurs, the governor shall appoint a qualified person to fill the vacancy for the unexpired portion of the term.

(3) All members of the board shall be citizens of the United States, residents of this state for not less than two (2) years and shall be qualified by experience, knowledge and integrity in formulating rules for examinations, in passing on the fitness and qualifications of applicants for electrical contractor and journeyman electrician licenses and in establishing standards for electrical products to be used in electrical installations coming under the provisions of this act.

(4) The members of the board shall, at their first regular meeting following the effective date of this act and every two (2) years thereafter, elect by majority vote of the members of the board, a chairman who shall preside at meetings of the board and a vice chairman who shall preside at any board meeting ~~in the event the chairman is not present at any board meeting, the board may by majority vote of the members present appoint a temporary chairman.~~ A majority of the members of the board shall constitute a quorum.

(5) The board is authorized and directed to prescribe and amend rules consistent with this act for the administration of this chapter and to effectuate the purpose thereof, and for the examination and licensing of electrical contractors, journeyman electricians, master electricians, specialty electricians, specialty electrical contractors, specialty electrical trainees and apprentice electricians. The board shall also establish the classifications for specialty electrician and specialty electrical contractor licensing and the fees to be charged for permits and inspections of electrical systems. The board shall establish by administrative rule the fines to be paid for citations issued and shall hear appeals regarding the imposition of civil penalties for violations of this chapter and the rules of the Idaho electrical board. The board is authorized to affirm, reject, decrease or increase the penalty imposed by the administrator. However, in no case shall the penalty exceed one thousand dollars (\$1,000) for each offense.

(6) Each member of the board not otherwise compensated by public moneys shall be compensated as provided by section 59-509(n), Idaho Code.

IDAHO ELECTRICAL BOARD

Agenda Item No. 05

Journeyman Failure Waiting Period

PRESENTER: Al Caine

OBJECTIVE: Eliminate specified waiting period after failing an exam

ACTION: Vote to accept, reject, or modify the proposed rule change

BACKGROUND: There is a 30-day waiting period after failing the exam the first and second time. These waiting periods serve the dual purpose of providing the candidate with a forced study period, and at the time the rule was written tests were only administered monthly or bi-monthly statewide. After a third failure there is very specific repercussions – you must either wait a year or provide proof of 24-hours of continuing education since the last test failure before being eligible to test again. This requirement would remain without revision. Now that exams are available 5 days a week in most locations, and there are specific requirements after a third failure, the first and second 30-day waiting periods are not as necessary as they once were and we recommend they be eliminated.

At the April Board meeting, the Board supported the Division's suggestion to remove the 30-day waiting period.

PROCEDURAL HISTORY:

ATTACHMENTS: IDAPA 07.01.05.011.04



IDAPA 07
TITLE 01
CHAPTER 05

07.01.05 - RULES GOVERNING EXAMINATIONS

000. LEGAL AUTHORITY. The Idaho Electrical Board is authorized under Sections 54-1003, 54-1005(1), and 54-1006(5), Idaho Code, to adopt rules concerning the examinations for all classifications under the electrical law and rules. (2-26-93)

001. TITLE AND SCOPE. These rules shall be cited as IDAPA 07.01.05, "Rules Governing Examinations," Division of Building Safety. These rules include criteria for conducting examinations for all electrical licenses. (2-26-93)

002. WRITTEN INTERPRETATIONS. This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS. This chapter does not allow administrative relief of the provisions outlined herein. (2-26-93)

004. -- 010. (RESERVED).

011. EXAMINATIONS.
The Electrical Board shall review and approve all versions of examinations prior to administration. (4-5-00)

01. Frequency of Conducting of Examinations. Examinations for all classifications under the Electrical Laws and Rules will be given a minimum of four (4) times each year in at least three (3) locations: One (1) to be in northern Idaho, one (1) to be in central Idaho, and one (1) to be in southern Idaho. The applicant will be notified in writing of the date, time, and location at which the examination will be given, following approval of the application. (4-5-00)

02. Professional Testing Services. In lieu of the administration by the Electrical Board of the examination for licenses pursuant to this rule, the Electrical Board may contract with a professional testing service to administer the examination and require license applicants to pay to the testing service the fee that they have set for the examination and to take such examination at the time set by such service. After taking such examination, an official copy of the test score shall be provided by the applicant to the Electrical Board before the license will be granted. If the examination is conducted in this fashion, the Electrical Board may charge and retain the application fee provided for by Section 54-1014, Idaho Code, to cover the cost of reviewing the applicant's application. (4-5-00)

03. Required Scores. The following scores are considered minimum for passing and are required to be achieved by the applicant prior to issuance of the appropriate license or certification. (5-8-09)

Journeyman Electrician	- 70%
Specialty Journeyman Electrician	- 70%
Electrical Contractor	- 75%
Specialty Electrical Contractor	- 70%
Electrical Inspector	- 70%
Master Electrician	-75%

04. Failed Examinations. (4-6-05)

a. An applicant receiving less than a passing score on a first or second examination ~~attempt~~ may be reexamined ~~at the expiration of thirty (30) days after the date of the failed examination.~~

(4-6-05)

b. Before being reexamined after failing an examination the third time, an applicant must:
(4-6-05)

i. Wait until the expiration of one (1) year from the date of the failed third examination; or
(4-6-05)

ii. Provide proof, satisfactory to the Electrical Board, of completion of a minimum of twenty-four (24) hours of Board-approved, related electrical training or continuing education since the date of the failed third examination.
(4-6-05)

c. Before being reexamined after any further failures, an applicant for reexamination must:
(4-6-05)

i. Wait until the expiration of an additional one (1) year from the date of the failed examination; or
(4-6-05)

ii. Provide proof, satisfactory to the Electrical Board, of completion of thirty-two (32) hours of Board-approved, related electrical training or continuing education since the date of the failed examination.
(4-6-05)

012. – 999. (RESERVED).

IDAHO ELECTRICAL BOARD

Agenda Item No. 06

Apprentice Registration

PRESENTER: Al Caine

OBJECTIVE: Rules to coincide with the requirements of the statute

ACTION: Vote to accept, reject, or modify the proposed rule changes

BACKGROUND: In 2010, The Electrical Board discussed the idea of amending the electrical rules to prevent apprentices from renewing their registration more than once. Those discussions lead the Board to determine that it needed to amend the statutory foundation which authorizes the Board to make such a rule first and then proceed with the rule change the following year. The legislative proposal was adopted by the 2011 legislature and would now be appropriate for the Board to consider whether it still would like to proceed with the rule change.

PROCEDURAL HISTORY:

ATTACHMENTS: IDAPA 07.01.03 “Rules of Electrical Licensing and Registration – General” and IDAPA 07.01.04 “Rules Governing Electrical Specialty Licensing”



**IDAPA 07
TITLE 01
CHAPTER 03**

07.01.03 - RULES OF ELECTRICAL LICENSING AND REGISTRATION - GENERAL

012. APPRENTICE ELECTRICIAN.

01. Requirements for Apprentice Electrician. (5-3-03)

a. A person wishing to become an apprentice electrician shall register with the Division of Building Safety prior to going to work. Said person shall carry a current registration certificate on his person at all times and shall present it upon request to personnel of the Division of Building Safety for examination. Each apprentice shall re-register for a period of five (5) years and pay the applicable fee. During the period of registration an apprentice must annually complete a minimum of one hundred forty-four (144) hours of an organized sequence of instruction in technical subjects related to the electrical trade as approved by the Idaho Electrical Board and the Idaho State Board for Professional and Technical Education until a certificate of achievement is earned from the vocational institution attended. Each apprentice shall also obtain work experience during the period of registration as described in subsection 012.01.b of these rules and provide the Division with notarized letters from each employer evidencing such work to be maintained in the apprentice's file with the Division. Time toward the work requirements detailed in Paragraph 0121.01.b of these rules shall not be credited while the apprentice is inactive or not registered.

(4-7-11).

b. In order to qualify to take the journeyman electrician examination an apprentice electrician shall furnish proof of completion of four (4) years of related instruction for electrical apprentices as approved by the Idaho Electrical Board and the Idaho State Board for Professional-Technical Education, and be required to work at least three (3) years, defined as a minimum of six thousand (6,000) hours of work experience, under the constant on-the-job supervision of a journeyman electrician. Such work experience shall include three (3) categories:

(4-7-11)

i. Residential; (5-3-03)

ii. Commercial; and (5-3-03)

iii. Industrial installations. (5-3-03)

c. Successful completion of the journeyman examination does not eliminate the requirement to complete four (4) years of work experience, defined as 8000 hours, under the constant on-the-job supervision of a journeyman electrician in order to be issued a journeyman license. Successful completion of the Idaho state journeyman examination notwithstanding, no journeyman license shall be issued until proof of satisfaction of the requirements contained in section 013 of these rules is furnished to the Division.

(4-7-11)

d. Experience shall not exceed seventy-five percent (75%) of the work time in any one (1) category. The work requirements of paragraph 012.01.b. of these rules shall not apply to an apprentice registered in an apprenticeship program approved by the US Department of Labor, Employment and Training Administration, Office of Apprenticeship(4-7-11)

e. An apprentice registration may only be renewed by the Division upon receipt of sufficient evidence demonstrating that the apprentice has successfully completed at least two (2) years of an approved sequence of instruction and worked two (2) years defined as a minimum of four thousand (4,000) hours of work experience under the constant on-the-job supervision of a journeyman electrician in the categories described in subsection 012.01.b of these rules; provided however, that in no case shall an apprentice registration be renewed more than one time by the Division without a recommendation from the Idaho Electrical Board to do so. An apprentice may only petition the Electrical Board for registration renewals subsequent to the first renewal. If application to the Division or petition to the Board is made pursuant to this subsection, the Division and the Board, as applicable, shall consider

whether extenuating circumstances exist which prevent the completion of the instruction or work experience requirements for renewal. (x-xx-12)

f. An apprentice who has completed the required number of instructional hours and has not passed the journeyman's examination within two (2) years of completion of the required instructional training hours shall provide proof of continuation training in order to ~~re-register as an apprentice~~ be eligible to take the journeyman exam. For the purposes of Section 012 of these rules, continuation training is defined as registration in a Board-approved fourth year apprenticeship class. (4-7-11)

~~f. An apprentice who has not advanced in apprenticeship training for a period of two (2) years shall provide proof of successful completion of continuation training in order to re-register as an apprentice. For purposes of Section 012 of these rules, continuation training is registration in a Board-approved year of apprenticeship class for which the apprentice is eligible or a repeat of the most recent apprenticeship class attended. (4-7-11)~~

02. Direct Supervision. It shall be the responsibility of the employing electrical contractor to insure that the apprentice performs electrical work only under the constant on-the-job supervision of a journeyman electrician. Any contractor who employs more than two (2) apprentice electricians for each licensed journeyman electrician employed is presumed to be in violation of the direct supervision requirements of Section 54-1010, Idaho Code, and of the constant on-the-job supervision requirement of Section 54-1003A, Idaho Code. This presumption may be rebutted by a showing by the contractor that special circumstances exist which are peculiar to the work done by that contractor which allows for effective supervision by each journeyman electrician of more than two (2) apprentice electricians. Prior to employing more than two (2) apprentice electricians for each journeyman electrician, a contractor must obtain permission from the Electrical Bureau to do so. Failure to comply with this requirement will be grounds for suspension or revocation of the electrical contractor's license. (4-1-91)

013. JOURNEYMAN ELECTRICIAN.

01. Experience and Education Required. (5-3-03)

a. An applicant for a journeyman electrician license must have worked as an apprentice electrician making electrical installations for four (4) years, defined as a minimum of eight thousand (8,000) hours under the constant on-the-job supervision of a qualified journeyman electrician and meet the minimum vocational educational requirements of the Idaho Electrical Board and the Idaho State Board for Professional and Technical Education as provided by Section 54-1007, Idaho Code, and Paragraph 012.01.a. of these rules. That work shall include three (3) categories: (5-3-03)

- i. Residential; (5-3-03)
- ii. Commercial; and (5-3-03)
- iii. Industrial installations. (5-3-03)

b. Experience shall not exceed seventy-five percent (75%) of the work time in any one (1) category. The requirements of Paragraph 013.01.a. of these rules shall not apply to a registered apprentice enrolled in an apprenticeship program accredited by the Electrical Bureau. (5-3-03)

c. An applicant with out-of-state experience from a state that does not have a current reciprocal agreement with Idaho must meet the experience and vocational education requirements as set forth in Paragraph 013.01.a. of these rules or if the applicant has not completed the vocational education requirement, the applicant may alternately submit verification of twice the amount of experience (eight (8) years defined as a minimum of sixteen thousand (16,000) hours)). That work shall include three (3) categories: (5-3-03)

- i. Residential; (5-3-03)
- ii. Commercial; and (5-3-03)

iii. Industrial installations.

(5-3-03)

d. Experience shall not exceed seventy-five percent (75%) of the work time in any one (1) category and must have been legally obtained in the state in which the applicant received his experience. (5-3-03)

IDAPA 07
TITLE 01
CHAPTER 04

07.01.04 - RULES GOVERNING ELECTRICAL SPECIALTY LICENSING

013. SPECIALTY EXPERIENCE REQUIREMENT.

01. Specialty Journeyman Electrician. An applicant for a specialty journeyman electrician license must have at least two (2) years experience with the type of installation for which the license is being applied for, in compliance with the requirements of the state in which the experience was received, or as a specialty electrical trainee making electrical installations in accordance with the requirements as stated herein. (4-5-00)

02. Specialty Electrical Trainee. A specialty electrical trainee shall be required to work two (2) years, defined as a minimum of four thousand (4,000) hours of work experience, under the constant on-the-job supervision of a specialty journeyman electrician of the same specialty category to qualify for testing as a specialty journeyman electrician. A person wishing to become a specialty electrical trainee shall register with the Division of Building Safety for a period of three (3) years and pay the applicable fee prior to going to work. Said person shall carry a current registration certificate on his person at all times and shall present it upon request to personnel of the Division of Building Safety for examination. ~~Each specialty electrical trainee shall re-register prior to each July 1, furnishing proof of work experience performed during the previous year and notarized letters from each employer. This requirement shall continue each year until the minimum requirements of Title 54, Chapter 10, Idaho Code, have been fulfilled. A specialty electrical trainee registration may only be renewed by the Division upon receipt of sufficient evidence demonstrating that the trainee has worked at least one (1) year defined as a minimum of two thousand (2,000) hours of work experience under the constant on-the-job supervision of a specialty journeyman electrician; provided however, that in no case shall a specialty electrical trainee registration be renewed more than one time by the Division without a recommendation from the Idaho Electrical Board to do so. A specialty electrical trainee may only petition the Electrical Board for registration renewals subsequent to the first renewal. If application to the Division or petition to the Board is made pursuant to this subsection, the Division and the Board, as applicable, shall consider whether extenuating circumstances exist which prevent the completion of the instruction or work experience requirements for renewal. Any specialty electrical trainee failing to re-register by August 1 of each year, shall pay an additional fee of ten dollars (\$10) to receive his registration certificate.~~ Time shall not be credited while the trainee is inactive or not registered.

(x-x-12)

IDAHO ELECTRICAL BOARD

Agenda Item No. 07

Adoption of the 2011 NEC

PRESENTER: Al Caine

OBJECTIVE: Adopt the 2011 edition of the National Electrical Code (NEC)

ACTION: Vote to accept, reject, or modify the proposed rule changes

BACKGROUND: There are two versions of the rulemaking which adopts the 2011 NEC. Draft one leaves in the language related to AFCI, and draft two strikes that language out. Both contain some (the same) administrative cleanup items.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: NEC rule adoption drafts - IDAPA 07.01.06.011



IDAPA 07
TITLE 01
CHAPTER 06

07.01.06 - RULES GOVERNING THE USE OF NATIONAL ELECTRICAL CODE

000. LEGAL AUTHORITY. The Idaho Electrical Board is authorized under Section 54-1001, Idaho Code, to adopt rules concerning the use of the National Electrical Code. (2-26-93)

001. TITLE AND SCOPE. These rules shall be cited as IDAPA 07.01.06, "Rules Governing the Use of National Electrical Code," Division of Building Safety. These rules prescribe which edition of the National Electrical Code will be administered by the Idaho Electrical Board. (2-26-93)

002. WRITTEN INTERPRETATIONS. This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS. This chapter does not allow administrative relief of the provisions outlined herein. (2-26-93)

004. -- 010. (RESERVED).

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE NATIONAL ELECTRICAL CODE, 2008 EDITION.

01. Documents. Under the provisions of Section 54-1001, Idaho Code, the National Electrical Code, ~~2008~~¹¹ Edition, (herein NEC) is hereby adopted and incorporated by reference for the state of Idaho and shall be in full force and effect on and after July 1, ~~2008~~¹², with the exception of the following: (4-2-08)

a. Where the height of a crawl space does not exceed one point four (1.4) meters or four point five (4.5) feet it shall be permissible to secure NM cables, that run at angles with joist, to the bottom edge of joist. NM cables that run within two point one (2.1) meters or seven (7) feet of crawl space access shall comply with Article 320.23. (3-29-10)

b. Compliance with Article 675.8(B) will include the additional requirement that a disconnecting means always be provided at the point of service from the utility no matter where the disconnecting means for the machine is located. (5-3-03)

c. Compliance with Article 550.32(B) shall limit installation of a service on a manufactured home to those homes manufactured after January 1, 1992. (5-3-03)

d. Poles used as lighting standards that are forty (40) feet or less in nominal height and that support no more than four (4) luminaires operating at a nominal voltage of three hundred (300) volts or less, shall not be considered to constitute a structure as that term is defined by the National Electrical Code (NEC). The disconnecting means shall not be mounted to the pole. The disconnecting means may be permitted elsewhere in accordance with NEC, Article 225.32, exception 3. SEC special purpose fuseable connectors (model SEC 1791-DF or model SEC 1791-SF) or equivalent shall be installed in a listed handhole (underground) enclosure. The enclosure shall be appropriately grounded and bonded per the requirements of the NEC applicable to Article 230-Services. Overcurrent protection shall be provided by a (fast-acting – minimum - 100K RMS Amps 600 VAC) rated fuse. Wiring within the pole for the luminaires shall be protected by supplementary overcurrent device (time-delay – minimum - 10K RMS Amps 600 VAC) in break-a-away fuse holder accessible from the hand hole. Any poles supporting or incorporating utilization equipment or exceeding the prescribed number of luminaires, or in excess of forty (40) feet,

shall be considered structures, and an appropriate service disconnecting means shall be required per the NEC. All luminaire-supporting poles shall be appropriately grounded and bonded per the NEC. (4-6-05)

e. Compliance with Article 210.12 Arc-Fault Circuit-Interrupter Protection. (4-2-08)

i. Definition. Arc-Fault Circuit-Interrupter is a device intended to provide protection from the effects of arc faults by recognizing characteristics unique to arcing and by functioning to de-energize the circuit when an arc fault is detected. (4-2-08)

ii. Dwelling Unit Bedrooms. All one hundred twenty (120)-volt, single phase, fifteen (15)-ampere and twenty (20)-ampere branch circuits supplying outlets installed in dwelling unit bedrooms shall be protected by a listed arc-fault circuit interrupter, combination type installed to provide protection of the branch circuit. (4-2-08)

f. Compliance with Article 680.26 Bonding. (4-2-08)

i. Performance. The bonding required by this section shall be installed to eliminate voltage gradients in the pool area as prescribed. FPN: This section does not require that the eight (8) AWG or larger solid copper bonding conductor be extended or attached to any remote panelboard, service equipment, or any electrode. (4-2-08)

ii. Bonded Parts. The parts specified in 680.26(B)(1) through (B)(5) shall be bonded together. (4-2-08)

(1) **Metallic Structural Components.** All metallic parts of the pool structure, including the reinforcing metal of the pool shell, coping stones, and deck, shall be bonded. The usual steel tie wires shall be considered suitable for bonding the reinforcing steel together, and welding or special clamping shall not be required. These tie wires shall be made tight. If reinforcing steel is effectively insulated by an encapsulating nonconductive compound at the time of manufacture and installation, it shall not be required to be bonded. Where reinforcing steel is encapsulated with a nonconductive compound, provisions shall be made for an alternate means to eliminate voltage gradients that would otherwise be provided by unencapsulated, bonded reinforcing steel. (4-2-08)

(2) **Underwater Lighting.** All forming shells and mounting brackets of no-niche luminaries (fixtures) shall be bonded unless a listed low-voltage lighting system with nonmetallic forming shells not requiring bonding is used. (4-2-08)

(3) **Metal Fittings.** All metal fittings within or attached to the pool structure shall be bonded. Isolated parts that are not over one hundred (100) mm (four (4) inches) in any dimension and do not penetrate into the pool structure more than twenty-five (25) mm (one (1) inch) shall not require bonding. (4-2-08)

(4) **Electrical Equipment.** Metal parts of electrical equipment associated with the pool water circulating system, including pump motors and metal parts of equipment associated with pool covers, including electric motors, shall be bonded. Metal parts of listed equipment incorporating an approved system of double insulation and providing a means for grounding internal nonaccessible, non-current-carrying metal parts shall not be bonded. Where a double-insulated water-pump motor is installed under the provisions of this rule, a solid eight (8) AWG copper conductor that is of sufficient length to make a bonding connection to a replacement motor shall be extended from the bonding grid to an accessible point in the motor vicinity. Where there is no connection between the swimming pool bonding grid and the equipment grounding system for the premises, this bonding conductor shall be connected to the equipment grounding conductor of the motor circuit. (4-2-08)

(5) **Metal Wiring Methods and Equipment.** Metal-sheathed cables and raceways, metal piping, and all fixed metal parts except those separated from the pool by a permanent barrier shall be bonded that are within the following distances of the pool: (4-2-08)

(a) Within one and five tenths (1.5) meters (five (5) feet) horizontally of the inside walls of the pool. (4-2-08)

(b) Within three and seven tenths (3.7) meters (twelve (12) feet) measured vertically above the maximum water level of the pool, or any observation stands, towers, or platforms, or any diving structures. (4-2-08)

iii. Common Bonding Grid. The parts specified in 680.26(B) shall be connected to a common bonding grid with a solid copper conductor, insulated, covered, or bare, not smaller than eight (8) AWG. Connection shall be made by exothermic welding or by pressure connectors or clamps that are labeled as being suitable for the purpose and are of stainless steel, brass, copper, or copper alloy. The common bonding grid shall be permitted to be any of the following:

(4-2-08)

(1) The structural reinforcing steel of a concrete pool where the reinforcing rods are bonded together by the usual steel tie wires or the equivalent. (4-2-08)

(2) The wall of a bolted or welded metal pool. (4-2-08)

(3) A solid copper conductor, insulated, covered, or bare, not smaller than eight (8) AWG. (4-2-08)

(4) Rigid metal conduit or intermediate metal conduit of brass or other identified corrosion-resistant metal conduit. (4-2-08)

iv. Connections. Where structural reinforcing steel or the walls of bolted or welded metal pool structures are used as a common bonding grid for nonelectrical parts, the connections shall be made in accordance with 250.8. (4-2-08)

v. Pool Water Heaters. For pool water heaters rated at more than fifty (50) amperes that have specific instructions regarding bonding and grounding, only those parts designated to be bonded shall be bonded, and only those parts designated to be grounded shall be grounded. (4-2-08)

02. Availability. This document is available at the offices of the Division of Building Safety at 1090 E. Watertower Street, Suite 150, Meridian, Idaho 83642, 1250 Ironwood Dr., Suite 220, Coeur d'Alene, Idaho 83814, and 2055 Garrett Way, Suite 7, Pocatello, Idaho 83201.

(4-2-08)

012. -- 999. (RESERVED).

IDAPA 07
TITLE 01
CHAPTER 06

07.01.06 - RULES GOVERNING THE USE OF NATIONAL ELECTRICAL CODE

000. LEGAL AUTHORITY. The Idaho Electrical Board is authorized under Section 54-1001, Idaho Code, to adopt rules concerning the use of the National Electrical Code. (2-26-93)

001. TITLE AND SCOPE. These rules shall be cited as IDAPA 07.01.06, "Rules Governing the Use of National Electrical Code," Division of Building Safety. These rules prescribe which edition of the National Electrical Code will be administered by the Idaho Electrical Board. (2-26-93)

002. WRITTEN INTERPRETATIONS. This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS. This chapter does not allow administrative relief of the provisions outlined herein. (2-26-93)

004. -- 010. (RESERVED).

011. ADOPTION AND INCORPORATION BY REFERENCE OF THE NATIONAL ELECTRICAL CODE, 2008 EDITION.

01. Documents. Under the provisions of Section 54-1001, Idaho Code, the National Electrical Code, 2008~~11~~ Edition, (herein NEC) is hereby adopted and incorporated by reference for the state of Idaho and shall be in full force and effect on and after July 1, 2008~~12~~, with the exception of the following:

(4-2-08)

a. Where the height of a crawl space does not exceed one point four (1.4) meters or four point five (4.5) feet it shall be permissible to secure NM cables, that run at angles with joist, to the bottom edge of joist. NM cables that run within two point one (2.1) meters or seven (7) feet of crawl space access shall comply with Article 320.23. (3-29-10)

b. Compliance with Article 675.8(B) will include the additional requirement that a disconnecting means always be provided at the point of service from the utility no matter where the disconnecting means for the machine is located. (5-3-03)

c. Compliance with Article 550.32(B) shall limit installation of a service on a manufactured home to those homes manufactured after January 1, 1992. (5-3-03)

d. Poles used as lighting standards that are forty (40) feet or less in nominal height and that support no more than four (4) luminaires operating at a nominal voltage of three hundred (300) volts or less, shall not be considered to constitute a structure as that term is defined by the National Electrical Code (NEC). The disconnecting means shall not be mounted to the pole. The disconnecting means may be permitted elsewhere in accordance with NEC, Article 225.32, exception 3. SEC special purpose fuseable connectors (model SEC 1791-DF or model SEC 1791-SF) or equivalent shall be installed in a listed handhole (underground) enclosure. The enclosure shall be appropriately grounded and bonded per the requirements of the NEC applicable to Article 230-Services. Overcurrent protection shall be provided by a (fast-acting – minimum - 100K RMS Amps 600 VAC) rated fuse. Wiring within the pole for the luminaires shall be protected by supplementary overcurrent device (time-delay – minimum - 10K RMS Amps 600 VAC) in break-a-away fuse holder accessible from the hand hole. Any poles supporting or incorporating utilization equipment or exceeding the prescribed number of luminaires, or in excess of forty (40) feet, shall be considered structures, and an appropriate service disconnecting means shall be required per the NEC. All luminaire-supporting poles shall be appropriately grounded and bonded per the NEC. (4-6-05)

~~e. Compliance with Article 210.12 Arc Fault Circuit Interrupter Protection. (4-2-08)~~

~~i. Definition. Arc Fault Circuit Interrupter is a device intended to provide protection from the effects of arc faults by recognizing characteristics unique to arcing and by functioning to de-energize the circuit when an arc fault is detected. (4-2-08)~~

~~ii. Dwelling Unit Bedrooms. All one hundred twenty (120) volt, single phase, fifteen (15)-ampere and twenty (20) ampere branch circuits supplying outlets installed in dwelling unit bedrooms shall be protected by a listed arc fault circuit interrupter, combination type installed to provide protection of the branch circuit. (4-2-08)~~

~~f.e. Compliance with Article 680.26 Bonding. (4-2-08)~~

i. Performance. The bonding required by this section shall be installed to eliminate voltage gradients in the pool area as prescribed. FPN: This section does not require that the eight (8) AWG or larger solid copper bonding conductor be extended or attached to any remote panelboard, service equipment, or any electrode. (4-2-08)

ii. Bonded Parts. The parts specified in 680.26(B)(1) through (B)(5) shall be bonded together. (4-2-08)

(1) Metallic Structural Components. All metallic parts of the pool structure, including the reinforcing metal of the pool shell, coping stones, and deck, shall be bonded. The usual steel tie wires shall be considered suitable for bonding the reinforcing steel together, and welding or special clamping shall not be required. These tie wires shall be made tight. If reinforcing steel is effectively insulated by an encapsulating nonconductive compound at the time of manufacture and installation, it shall not be required to be bonded. Where reinforcing steel is encapsulated with a nonconductive compound, provisions shall be made for an alternate means to eliminate voltage gradients that would otherwise be provided by unencapsulated, bonded reinforcing steel. (4-2-08)

(2) Underwater Lighting. All forming shells and mounting brackets of no-niche luminaires (fixtures) shall be bonded unless a listed low-voltage lighting system with nonmetallic forming shells not requiring bonding is used. (4-2-08)

(3) Metal Fittings. All metal fittings within or attached to the pool structure shall be bonded. Isolated parts that are not over one hundred (100) mm (four (4) inches) in any dimension and do not penetrate into the pool structure more than twenty-five (25) mm (one (1) inch) shall not require bonding. (4-2-08)

(4) Electrical Equipment. Metal parts of electrical equipment associated with the pool water circulating system, including pump motors and metal parts of equipment associated with pool covers, including electric motors, shall be bonded. Metal parts of listed equipment incorporating an approved system of double insulation and providing a means for grounding internal nonaccessible, non-current-carrying metal parts shall not be bonded. Where a double-insulated water-pump motor is installed under the provisions of this rule, a solid eight (8) AWG copper conductor that is of sufficient length to make a bonding connection to a replacement motor shall be extended from the bonding grid to an accessible point in the motor vicinity. Where there is no connection between the swimming pool bonding grid and the equipment grounding system for the premises, this bonding conductor shall be connected to the equipment grounding conductor of the motor circuit. (4-2-08)

(5) Metal Wiring Methods and Equipment. Metal-sheathed cables and raceways, metal piping, and all fixed metal parts except those separated from the pool by a permanent barrier shall be bonded that are within the following distances of the pool: (4-2-08)

(a) Within one and five tenths (1.5) meters (five (5) feet) horizontally of the inside walls of the pool. (4-2-08)

(b) Within three and seven tenths (3.7) meters (twelve (12) feet) measured vertically above the maximum water level of the pool, or any observation stands, towers, or platforms, or any diving structures. (4-2-08)

iii. Common Bonding Grid. The parts specified in 680.26(B) shall be connected to a common bonding grid with a solid copper conductor, insulated, covered, or bare, not smaller than eight (8) AWG. Connection shall be made by exothermic welding or by pressure connectors or clamps that are labeled as being suitable for the purpose and are of stainless steel, brass, copper, or copper alloy. The common bonding grid shall be permitted to be any of the following:
(4-2-08)

(1) The structural reinforcing steel of a concrete pool where the reinforcing rods are bonded together by the usual steel tie wires or the equivalent. (4-2-08)

(2) The wall of a bolted or welded metal pool. (4-2-08)

(3) A solid copper conductor, insulated, covered, or bare, not smaller than eight (8) AWG. (4-2-08)

(4) Rigid metal conduit or intermediate metal conduit of brass or other identified corrosion-resistant metal conduit. (4-2-08)

iv. Connections. Where structural reinforcing steel or the walls of bolted or welded metal pool structures are used as a common bonding grid for nonelectrical parts, the connections shall be made in accordance with 250.8. (4-2-08)

v. Pool Water Heaters. For pool water heaters rated at more than fifty (50) amperes that have specific instructions regarding bonding and grounding, only those parts designated to be bonded shall be bonded, and only those parts designated to be grounded shall be grounded. (4-2-08)

02. Availability. This document is available at the offices of the Division of Building Safety at 1090 E. Watertower Street, Suite 150, Meridian, Idaho 83642, 1250 Ironwood Dr., Suite 220, Coeur d'Alene, Idaho 83814, and 2055 Garrett Way, Suite 7, Pocatello, Idaho 83201. (4-2-08)

012. -- 999. (RESERVED).

IDAHO ELECTRICAL BOARD

Agenda Item No. 08

Solar Photovoltaic Specialty License

PRESENTER: Al Caine

OBJECTIVE: Create a Solar Photovoltaic Specialty License

ACTION: Vote to accept, reject, or modify the proposed rule

BACKGROUND: At the April 2011 Board meeting, Mike Leonard, Aurora Power and Design and Representative for the Idaho Solar Association, brought forth a proposal to create a solar photovoltaic specialty license for Idaho.

DBS was asked to work with the solar industry group to format the proposal into a proposed rule; bringing it to the July Board meeting for review. Board members Troy Mortensen, Alan Perman, and Tim Phillips offered their services.

PROCEDURAL HISTORY:

ATTACHMENTS: IDAPA 07.01.04.014.09 “Solar Photovoltaic”



**IDAPA 07
TITLE 01
CHAPTER 04**

07.01.04 - RULES GOVERNING ELECTRICAL SPECIALTY LICENSING

000. LEGAL AUTHORITY.

The Idaho Electrical Board is authorized under Section 54-1006(5), Idaho Code, to adopt rules concerning the issuance of electrician licenses referred to in Section 54-1001, Idaho Code. (2-26-93)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.01.04, "Rules Governing Electrical Specialty Licensing," Division of Building Safety. These rules set out the special types of electrical installations for which a specialty license is required; the minimum experience requirements for such license; and describe the procedure for securing such license. (7-1-97)

002. WRITTEN INTERPRETATIONS.

This agency has written interpretations of this chapter in the form of legal memoranda. (2-26-93)

003. ADMINISTRATIVE APPEALS.

IDAPA 04.11.01, "Idaho Rules of Administrative Procedure of the Attorney General," govern license revocation/suspension proceedings. (2-26-93)

004. -- 010. (RESERVED).

011. QUALIFIED JOURNEYMAN ELECTRICIANS.

Qualified journeyman electricians, as defined in Section 54-1003A(2), Idaho Code, shall be permitted to make all installations as subsequently described herein without securing an additional license for said installation. (4-9-79)

012. MINIMUM EXPERIENCE REQUIREMENTS.

Experience gained by an individual while engaged in the practice of one (1) or more of the specialties named below shall not be considered towards the satisfaction of the minimum experience requirements for licensing as a journeyman electrician. (11-28-77)

013. SPECIALTY EXPERIENCE REQUIREMENT.

01. Specialty Journeyman Electrician. An applicant for a specialty journeyman electrician license must have at least two (2) years experience with the type of installation for which the license is being applied for, in compliance with the requirements of the state in which the experience was received, or as a specialty electrical trainee making electrical installations in accordance with the requirements as stated herein. (4-5-00)

02. Specialty Electrical Trainee. A specialty electrical trainee shall be required to work two (2) years, defined as a minimum of four thousand (4,000) hours of work experience, under the constant on-the-job supervision of a specialty journeyman electrician of the same specialty category to qualify for testing as a specialty journeyman electrician. A person wishing to become a specialty electrical trainee shall register with the Division of Building Safety prior to going to work. Said person shall carry a current registration certificate on his person at all times and shall present it upon request to personnel of the Division of Building Safety for examination. Each specialty electrical trainee shall re-register prior to each July 1, furnishing proof of work experience performed during the previous year and notarized letters from each employer. This requirement shall continue each year until the minimum requirements of Title 54, Chapter 10, Idaho Code, have been fulfilled. Any specialty electrical trainee failing to re-register by August 1 of each year, shall pay an additional fee of ten dollars (\$10) to receive his registration certificate. Time shall not be credited while the trainee is inactive or not registered. (4-5-00)

014. ELECTRICAL SPECIALTIES REQUIRING A SPECIAL LICENSE.

The following shall be considered as electrical specialties, the practice of which shall require a special license:

(4-9-79)

01. Elevator, Dumbwaiter, Escalator, or Moving-Walk Electrical. Any person qualifying for and having in his possession a current elevator electrical license may install, maintain, repair, and replace equipment, controls, and wiring beyond the disconnect switch in the machine room of the elevator and pertaining directly to the operation and control thereof when located in the elevator shaft and machine room. He shall be employed by a licensed elevator electrical contractor and his installation shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising journeyman except for work within his specialty.

(4-9-79)

02. Sign Electrical. Any person qualifying for and having in his possession a current sign electrical license may install, maintain, repair, and replace equipment, controls, and wiring on the secondary side of sign disconnecting means; providing the disconnecting means is located on the sign or within sight therefrom. He shall be employed by a licensed sign electrical contractor whose installations shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising journeyman except for work within his specialty.

(3-15-02)

03. Manufacturing or Assembling Equipment.

(4-5-00)

a. A licensed specialty manufacturing or assembling equipment electrician must be employed by a licensed specialty manufacturing or assembling equipment contractor in order to work in this category. The holder of a specialty license in this category may not countersign a contractor's license application as supervising journeyman except for work within this specialty.

(4-5-00)

b. Any person licensed pursuant to Paragraph 014.03.a. of these rules may install, maintain, repair, and replace equipment, controls, and accessory wiring, integral to the specific equipment, on the load side of the equipment disconnecting means. Electrical service and feeder are to be installed by others. The licensee may also install circuitry in modules or fabricated enclosures for the purpose of connecting the necessary components which individually bear a label from a nationally recognized testing laboratory when such equipment is designed and manufactured for a specific job installation. All wiring completed shall meet all requirements of Title 54, Chapter 10, Idaho Code, all rules promulgated pursuant thereto, and the most current edition of the National Electrical Code.

(7-1-94)

c. Subsection 014.03 of these rules does not apply to a manufacturing or assembling equipment electrician installing electrical wiring, equipment, and apparatus in modular buildings as that term is defined in Section 39-4105, Idaho Code. Only journeyman electricians and electrical apprentices, employed by an electrical contractor, may perform such installations.

(3-30-07)

04. Limited Energy Electrical License.

(9-17-85)

a. Limited energy systems are defined as fire and security alarm systems, class 2 and class 3 signaling circuits, key card operators, nurse call systems, motor and electrical apparatus controls and other limited energy applications covered by the NEC.

(7-1-99)

b. Limited energy systems do not include, and no license of any type is required for, the installation of landscape sprinkler controls or communication circuits, wires and apparatus that include telephone systems, telegraph facilities, outside wiring for fire and security alarm systems which are used for communication purposes, and central station systems of a similar nature, PBX systems, audio-visual and sound systems, public address and intercom systems, data communication systems, radio and television systems, antenna systems and other similar systems.

(7-1-99)

c. Unless exempted by Section 54-1016, Idaho Code, any person who installs, maintains, replaces or repairs electrical wiring and equipment for limited energy systems in facilities other than one (1) or two (2) family

dwellings shall be required to have a valid limited energy electrical license and must be employed by a licensed limited energy specialty electrical contractor or electrical contractor. The holder of a specialty license may only countersign a contractor's application as a supervising journeyman for work within his specialty. (7-1-98)

05. Irrigation Sprinkler Electrical. Any person qualifying for and having in his possession, an irrigation system electrical license may install, maintain, repair and replace equipment, controls and wiring beyond the disconnect switch supplying power to the electric irrigation machine. The irrigation machine is considered to include the hardware, motors and controls of the irrigation machine and underground conductors connecting the control centers on the irrigation machine to the load side of the disconnecting device. Disconnect device to be installed by others. All such installations performed by individuals under this subsection shall be done in accordance with the applicable provisions of the National Electrical Code. He shall be employed by a licensed electrical contractor whose license is contingent upon the granting of a specialty electrical license to an employee and whose installations shall be limited to this category. The holder of a specialty license may not countersign a contractor's license application as supervising specialty journeyman except for work in his specialty. (1-1-92)

06. Well Driller and Water Pump Installer Electrical Licenses. All such installations performed by individuals under this subsection shall be done in accordance with the applicable provisions of the approved National Electrical Code. He shall be employed by a licensed well driller and water pump installer electrical contractor whose installations shall be limited to this category. The holder of such specialty license may not countersign a contractor's license application as supervising specialty journeyman except for work in his specialty. Any person currently licensed in this category may perform the following types of installations: (1-14-87)

a. Single or three (3) phase water pumps: install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (4-6-05)

b. Domestic water pumps, one hundred twenty/two hundred forty (120/240) volt, single phase, sixty (60) amps or less: Install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to and including the disconnecting device. (7-1-98)

c. Temporarily connect into a power source to test the installations, provided that all test wiring is removed before the installer leaves the site. (1-14-87)

d. Individual residential wastewater pumping units. Install, maintain, repair and replace all electrical equipment, wires, and accessories from the pump motor up to and including the disconnecting device for systems that serve one-family, two-family, or three-family residential installations. (4-11-06)

07. Refrigeration, Heating, and Air-Conditioning Electrical Installer. All such installation, maintenance, and repair performed by individuals under this subsection shall be done in accordance with applicable provisions of the National Electrical Code. He shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's license application as a supervising specialty journeyman except for work in his specialty. Any person currently licensed in this category may perform the following types of installations, which installations shall be limited to factory-assembled, packaged units: (9-17-85)

a. Heating Units (single phase): install, repair, and maintain all electrical equipment, wires, and accessories from the unit up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

b. Refrigeration, Air-Conditioning Equipment and Heat Pumps (single phase): install, repair, and maintain all electrical equipment, wires, and accessories from the unit up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

c. Refrigeration, Air-Conditioning and Heating Systems (three (3) phase): install, maintain, and repair all electrical equipment and accessories up to the load side, including fuses, of the disconnecting device. Disconnecting device to be installed by others. (9-17-85)

08. Outside Wireman. All such installation, maintenance, and repair not exempt under the provisions of Section 54-1016, Idaho Code, performed by individuals under this subsection shall be done in accordance with the applicable provisions of the National Electrical Code. The license holder shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's application as a supervising specialty journeyman except for work in his specialty. Applicants for this license class shall provide documentation of having completed an electrical lineman apprenticeship program or similar program approved by the U.S. Department of Labor, Office of Apprenticeship. Any person currently licensed in this category may perform the following types of installations: (4-7-11)

- a. Overhead distribution and transmission lines in excess of six hundred (600) volts. (4-7-11)
- b. Underground distribution and transmission lines in excess of six hundred (600) volts. (4-7-11)
- c. Substation and switchyard construction in excess of six hundred (600) volts. (4-7-11)

09. Solar Photovoltaic. All such installation, maintenance, and repair not exempt under the provisions of Section 54-1016, Idaho Code, performed by individuals under this subsection shall be done in accordance with the applicable provisions of the National Electrical Code. The license holder shall be employed by a licensed electrical contractor whose license shall be covered by this category. The holder of such specialty license may not countersign a contractor's application as a supervising specialty journeyman except for work in his specialty. Applicants for this license class shall provide proof of photovoltaic installer certification by the North American Board of Certified Energy Practitioners (NABCEP) or equivalent. Any person licensed in this category may perform the following types of installations: (- -12)

a. Solar Photovoltaic DC Systems: install, maintain, repair and replace all electrical equipment, wires, and accessories up to and including the inverter. (- -12)

b. Solar Photovoltaic micro-inverter/AC Systems: install, maintain, repair and replace all electrical equipment, wires, and accessories up to and including the AC combiner box. (- -12)

015. APPLICATIONS FOR SPECIALTY LICENSES.

Applications for any of the above specialty licenses may be obtained from the ~~Electrical Bureau~~, Division of Building Safety. The forms shall be returned with the application fee, as provided by Section 54-1014, Idaho Code, with proof of the required two (2) years of experience in the field of specialty, and all applications shall be signed and notarized. Upon receiving a passing grade, the applicant may remit the license fee for issuance of the license.(5-3-03)

016. LICENSURE PERIOD AND FEES.

All original specialty licenses and registrations shall be issued by the Division immediately upon receipt of the licensure fee and other necessary documentation from the applicant which date shall be designated as the original license anniversary date and signify the commencement of the licensing period. All specialty license and registration renewals shall be effective in the year renewed as of the original license anniversary date. All license and registration periods shall end at midnight on the last day of the final month of the licensing or registration period. Specialty licenses and registrations not renewed by this date shall have expired. Any expired license revived within the twelve-month period following the expiration date will continue to have the original license anniversary date for the purposes of subsequent renewal. The license fee and renewal fee for each type of specialty license shall be as provided for by Section 54-1014, Idaho Code, for other journeyman licenses. (3-29-10)

017. SPECIALTY CONTRACTOR LICENSE.

01. Qualifications for Specialty Electrical Contractor. Except as herein provided, any person, partnership, company, firm, association, or corporation shall be eligible to apply for a specialty electrical contractor license upon the condition that such applicant will be responsible for supervision of electrical installations made by said company, firm, association, or corporation as provided by Section 54-1010, Idaho Code. The supervising specialty journeyman electrician shall be available during working hours to carry out the duties of supervising specialty journeyman, as set forth herein. In addition, the applicant shall meet or have at least one (1) full-time

employee who meets one (1) of the following criteria:

(3-30-01)

a. Holds a valid specialty journeyman electrician license issued by the [Electrical Bureau Division of Building Safety](#), in the same category as the specialty contractor, and has held a valid specialty journeyman electrician's license for a period of not less than two (2) years, during which time he was employed as a specialty journeyman electrician for a minimum of four thousand (4,000) hours;

(3-30-01)

b. Holds a valid specialty journeyman electrician license issued by the [Electrical Bureau Division of Building Safety](#), in the same category as the specialty contractor, and has at least four (4) years of experience in the specialty electrical category with a minimum of two (2) years practical experience in planning, laying out, and supervising electrical installations in this specialty category.

(3-30-01)

02. Modification to Qualifications. Applicants for specialty contractor licenses, or individuals countersigning such applications, shall be subject to the same requirements, restrictions, and fees applicable to other electrical contractors and countersigning master, as set forth in the current Electrical Laws and Rules with the exception that an electrical contractor requires a master electrician to countersign as a supervising master whereas a supervising specialty journeyman for a specialty electrical contractor must meet the requirements of Subsection 017.01 of these rules.

(4-2-08)

018. -- 999. (RESERVED).

IDAHO ELECTRICAL BOARD

Agenda Item No. 09

Fee for Continuing Education Providers

PRESENTER: Al Caine

OBJECTIVE: Establish a fee for review and approval of CEU providers and courses

ACTION: Vote to accept, reject, or modify the proposed legislative proposals

BACKGROUND: In the past, the cost for staff to review, process, approve, create/send approval letters, and maintain approval lists for CEU providers and courses was absorbed by licensing revenue. With the current economic conditions, and upon looking closely at the costs to perform each component, the Division suggested a modest fee be established to support the process.

At the April 2011 meeting, Kreg Davis asked the Division to generate a proposal; including him in the creation of the specifics.

PROCEDURAL HISTORY:

ATTACHMENTS: IDAPA 07.01.07.012 "Course Approval Requirements"



**IDAPA 07
TITLE 01
CHAPTER 07**

07.01.07 - RULES GOVERNING CONTINUING EDUCATION REQUIREMENTS

000. LEGAL AUTHORITY.

The Idaho Electrical Board is authorized under Sections 54-1003 and 54-1006(5), Idaho Code, to adopt rules concerning the continuing education requirements for journeyman and master journeyman licensing. (2-26-93)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 07.01.07, "Rules Governing Continuing Education Requirements," Division of Building Safety. These rules include criteria for requirements for continuing education for electrical licensees. (2-26-93)

002. WRITTEN INTERPRETATIONS.

This agency has no written interpretations of this chapter. (2-26-93)

003. ADMINISTRATIVE APPEALS.

IDAPA 04.11.01, "Idaho Rules of Administrative Procedure of the Attorney General," govern license revocation/suspension proceedings. (2-26-93)

004. -- 010. (RESERVED).

011. CONTINUING EDUCATION REQUIREMENTS.

Journeyman and master electricians must complete at least twenty-four (24) hours of continuing education instruction in every three (3) year period between updates of the National Electrical Code. The twenty-four (24) hours of instruction shall consist of sixteen (16) hours of code update covering changes included in the latest edition of the National Electrical Code, and eight (8) hours of industry-related training. The Idaho Electrical Board will establish criteria for approval of instruction and instructors, and courses and instructors will be approved by the ~~Electrical Bureau~~ **Division of Building Safety**. Proof of completion of these continuing education requirements must be submitted to the ~~Bureau~~ **Division** prior to or with the application for license renewal by any such licensee in order to renew a journeyman or master electrician license for the code change year. (4-7-11)

012. COURSE APPROVAL REQUIREMENTS.

Continuing education courses for electricians must cover technical aspects of the electrical trade. Courses related to management, supervision, business practices, personal computer skills, or first aid will not be approved. Courses will be approved as either code update or industry related based on the criteria as defined in this section. (4-2-08)

01. General Course Requirements. (4-2-08)

a. Courses must be at least four (4) hours in length. (4-2-08)

b. Courses must be taught by an instructor approved by the ~~Electrical Bureau~~ **Division of Building Safety**. (4-2-08)

c. The presentation should be delivered orally with the assistance of power point or other means of visual media. Pre-taped video or audio shall be held to a minimum. (4-2-08)

d. A course evaluation card shall be provided to all participants to evaluate course and presentation.

The completed evaluation cards must be submitted to the ~~Electrical Bureau~~ **Division of Building Safety**. (4-2-08)

e. All programs are subject to audit by representatives of the Division of Building Safety or Idaho Electrical Board for content and quality without notice and at no charge. Course and instructor approval are subject to revocation if the minimum requirements of course content or instructor qualifications are not met. (4-2-08)

f. Credit will not be given to a licensee who attended a course prior to that course being approved by the Division of Building Safety. (4-2-08)

02. Code Update Programs. Code update programs must cover changes to the National Electrical Code utilizing pre-approved materials such as the NFPA-IAEI Analysis of Changes. (4-2-08)

03. Industry Related Programs. Industry related programs shall be technical in nature and directly related to the electrical industry. Electrical theory, application of the National Electrical Code, grounding, photovoltaic systems, programmable controllers, and residential wiring methods are examples of industry related programs. (4-2-08)

04. Program Approval Procedures. (4-2-08)

a. Program approvals shall be effective for one (1) code cycle. Subsequent applications for the same program may incorporate by reference all or part of the original application. (4-2-08)

b. An application for course approval may be obtained from the ~~Electrical Bureau~~ **Division of Building Safety**, 1090 E. Watertower Street, **Suite 150**, Meridian, Idaho 83642, or from the Division of Building Safety's website at <http://dbs.idaho.gov>. The application shall include: (4-2-08)

i. The title and general description of the program; (4-2-08)

ii. The name of the sponsor as it will appear on the completion certificate; (4-2-08)

iii. The address and contact person for the sponsor; (4-2-08)

iv. The names of the instructors and dates of approval by the Division of Building Safety or completed applications for the instructors; (4-2-08)

v. The hours of instruction to be presented – correspondence or on-line computer based courses must provide a minimum of twenty (20) questions to be answered by the student for each hour of credit requested for approval. For example four (4) hours of credit would require eighty (80) questions, eight (8) hours of credit would require one hundred and sixty (160) questions; (4-2-08)

vi. An outline of the program; (4-2-08)

vii. The cost of the program to the participant; (4-2-08)

viii. A schedule of classes, including locations, dates, and times; (4-2-08)

ix. A list or sample of materials to be used in the program; (4-2-08)

x. A copy of the quiz to be given to the participants, if applicable; (4-2-08)

xi. A copy or sample of the completion certificate; ~~and~~ (4-2-08)

xii. A copy of the evaluation card; ~~and~~ (4-2-08)

xiii. Payment of a fee of fifty dollars (\$50) (~~- -12~~)

- c. Certificates of Completion. Certificates of completion must contain the following: (4-2-08)
 - i. The date of the program; (4-2-08)
 - ii. The title of the program; (4-2-08)
 - iii. The location of the program; (4-2-08)
 - iv. The name of the sponsor; (4-2-08)
 - v. The number of hours of credit completed; (4-2-08)
 - vi. The name of the attendee; (4-2-08)
 - vii. The license number of the attendee; (4-2-08)
 - viii. The name of the instructor; and (4-2-08)
 - ix. The Idaho course approval number. (4-2-08)
 - d. Evaluation Cards. Evaluation cards or forms must be pre-addressed to the Division of Building Safety and must include the following: (4-2-08)
 - i. The date of the program; (4-2-08)
 - ii. The title of the program; (4-2-08)
 - iii. The location of the program; (4-2-08)
 - iv. The instructor's name; (4-2-08)
 - v. An evaluation of the course (for example: poor, fair, good, very good, excellent); and (4-2-08)
 - vi. An evaluation of the instructor's presentation skills. (4-2-08)
- 05. Appeals.** Appeals for courses that have been denied approval shall be submitted in writing and shall be presented to the Idaho Electrical Board within thirty (30) days for review. Decision by the Idaho Electrical Board on the appeal shall be final. Any further appeal shall be to the district court as provided by the Idaho Administrative Procedure Act (Title 67, Chapter 52, Idaho Code) as an appeal from a final agency action in a contested case proceeding. (4-2-08)
- 06. Instructor Approval Procedures.** (4-2-08)
- a. Instructor approvals shall be effective for one (1) code cycle. (4-2-08)
 - b. An application for instructor approval may be obtained from the ~~Electrical Bureau~~ **Division of Building Safety**, 1090 E. Watertower Street, **Suite 150** Meridian, Idaho 83642, or from the Division of Building Safety's website [at http://.dbs.idaho.gov](http://.dbs.idaho.gov). Documentation of the instructor qualifications **along with payment of a fee of fifty dollars (\$50)** must be included with the instructor application. The minimum qualification for an instructor shall be established by providing proof of one (1) of the following: (4-2-08)
 - i. Current and active master or journeyman electrician license; (4-2-08)
 - ii. An appropriate degree related to the electrical field; or (4-2-08)

iii. Other recognized experience or certification in the subject matter to be presented. (4-2-08)

c. Any person denied instructor approval may appeal to the Idaho Electrical Board within thirty (30) days. Decision by the Idaho Electrical Board on the appeal shall be final. Any further appeal shall be to the district court as provided by the Idaho Administrative Procedure Act (Title 67, Chapter 52, Idaho Code) as an appeal from a final agency action in a contested case proceeding. (4-2-08)

07. Revocation of Approval. (4-2-08)

a. The Idaho Electrical Board may revoke, suspend, or cancel the approval of any continuing education program or instructor if the Idaho Electrical Board determines that the program or instruction does not meet the intent of furthering the education of electricians. Grounds for revocation of approval shall include, but not be limited to: (4-2-08)

i. Failure of the instructor to substantially follow the approved course materials; (4-2-08)

ii. Failure to deliver instruction for the full amount of time approved for the course; or (4-2-08)

iii. Substantial dissatisfaction with the instructor's presentation or the content of the course or materials by the class attendees or representatives of the Division of Building Safety or Idaho Electrical Board. (4-2-08)

b. Decision by the Idaho Electrical Board on the appeal shall be final. Any further appeal shall be to the district court as provided by the Idaho Administrative Procedure Act (Title 67, Chapter 52, Idaho Code), as an appeal from a final agency action in a contested case proceeding. (4-2-08)

08. Requirements for Credit. In order for a licensee to receive credit for attending a class, the following requirements must be met: (4-2-08)

a. The class must have prior approval by the ~~Electrical Bureau~~ Division of Building Safety or a state that is reciprocal with Idaho for continuing education; (4-2-08)

b. The instructors must be approved instructors for the program; (4-2-08)

c. The licensee must submit a copy of the certificate of completion to the ~~Electrical Bureau~~ Division of Building Safety; and (4-2-08)

d. The course provider must provide a roster of attendees to include the name, license number, and the number of hours to be credited. (4-2-08)

09. Schedule of Approved Classes. The ~~Electrical Bureau~~ Division of Building Safety shall publish a list of approved classes at a minimum of once a year. This list shall be forwarded to all states that are members of the continuing education reciprocal agreement and shall be made available to any licensee via the Division of Building Safety's website or by mail.

013. -- 999. (RESERVED).

IDAHO ELECTRICAL BOARD

Agenda Item No. 10

Curriculum Committee Update

PRESENTER: Rosie Rosco, CWI

OBJECTIVE: Create a standard curriculum for Electrical, HVAC, and Plumbing Licensure Apprenticeship programs in the state of Idaho

ACTION: Informational

BACKGROUND: In 2010, Irene Vogel, PTE, offered to assemble a committee to review the current curriculum of the Electrical, HVAC and Plumbing apprenticeship programs for changes/updates. A list of prospective individuals from each trade was generated by the Division. In January 2011, Administrator Pearce requested the chairmen of the Electrical, HVAC, and Plumbing Boards review and endorse the list prior to it being sent to Ms. Vogel.

In May of 2011, PTE turned the project over to CWI to manage. In the future, CWI will provide to the committee for comment, an updated curriculum, to include additional details, objectives, and minimum number of required hours.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 11

SAC Update

PRESENTER: Aaron White, IBEW

OBJECTIVE: Inform the Board and industry of the networking program through the Idaho State Apprenticeship Committee (SAC)

ACTION: Informational

BACKGROUND: When discussing the topic, “Industry-Related Unemployment Database”, at the January 2011 Board meeting, it was brought up that the state of Montana has a SAC. To avoid the privacy laws, SAC has a program that offers out-of-work individuals an opportunity to upload their personal information for contractors to view. Joe Schneehagen, IBEW, stated Idaho’s SAC will administer the list, and in all probability come back to the April Idaho Electrical Board meeting with a progress report.

At the April 2011 meeting, Aaron White, IBEW, deferred the topic “SAC Update” to the July meeting due to recent transitions within IBEW.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 12

Electrical Program Manager Report

PRESENTER: Al Caine

OBJECTIVE: Update the Board on the Electrical Program's current activities

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 13

Operational Report

PRESENTER: Steve Keys

OBJECTIVE: Update the Board on the operations of the Electrical Program and Division.

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

PROCEDURAL HISTORY:

ATTACHMENTS: No documentation



IDAHO ELECTRICAL BOARD

Agenda Item No. 14a

Financial Report

PRESENTER: C. Kelly Pearce and Kirk Weiskircher

OBJECTIVE: Review the Idaho Electrical Board's Financial Report

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

PROCEDURAL HISTORY:

ATTACHMENTS: Idaho Electrical Board's Financial Report





Division of Building Safety
ELECTRICAL BOARD FUND
 Fiscal Year 2011 Financial Statements
 As of 5/31/2011

Statement of Revenues and Expenditures

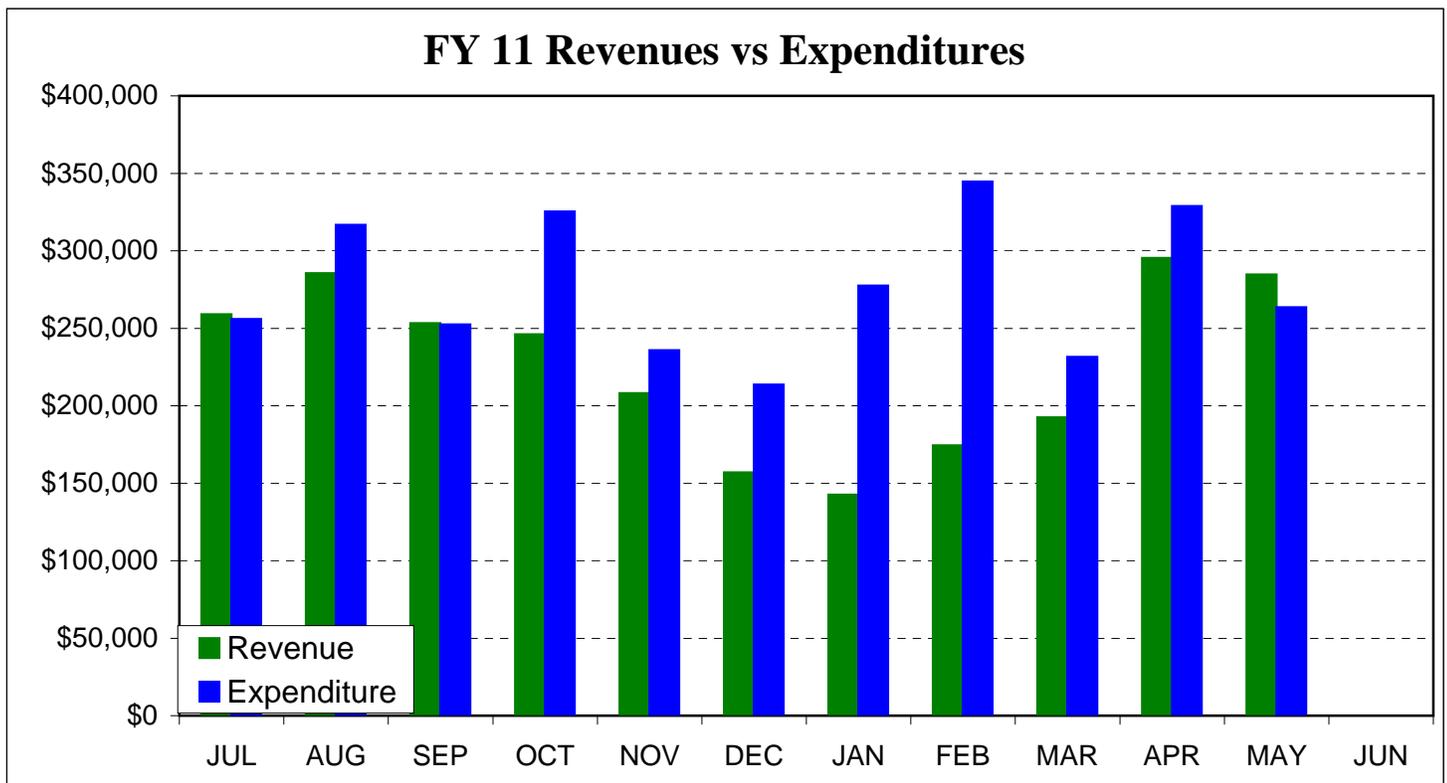
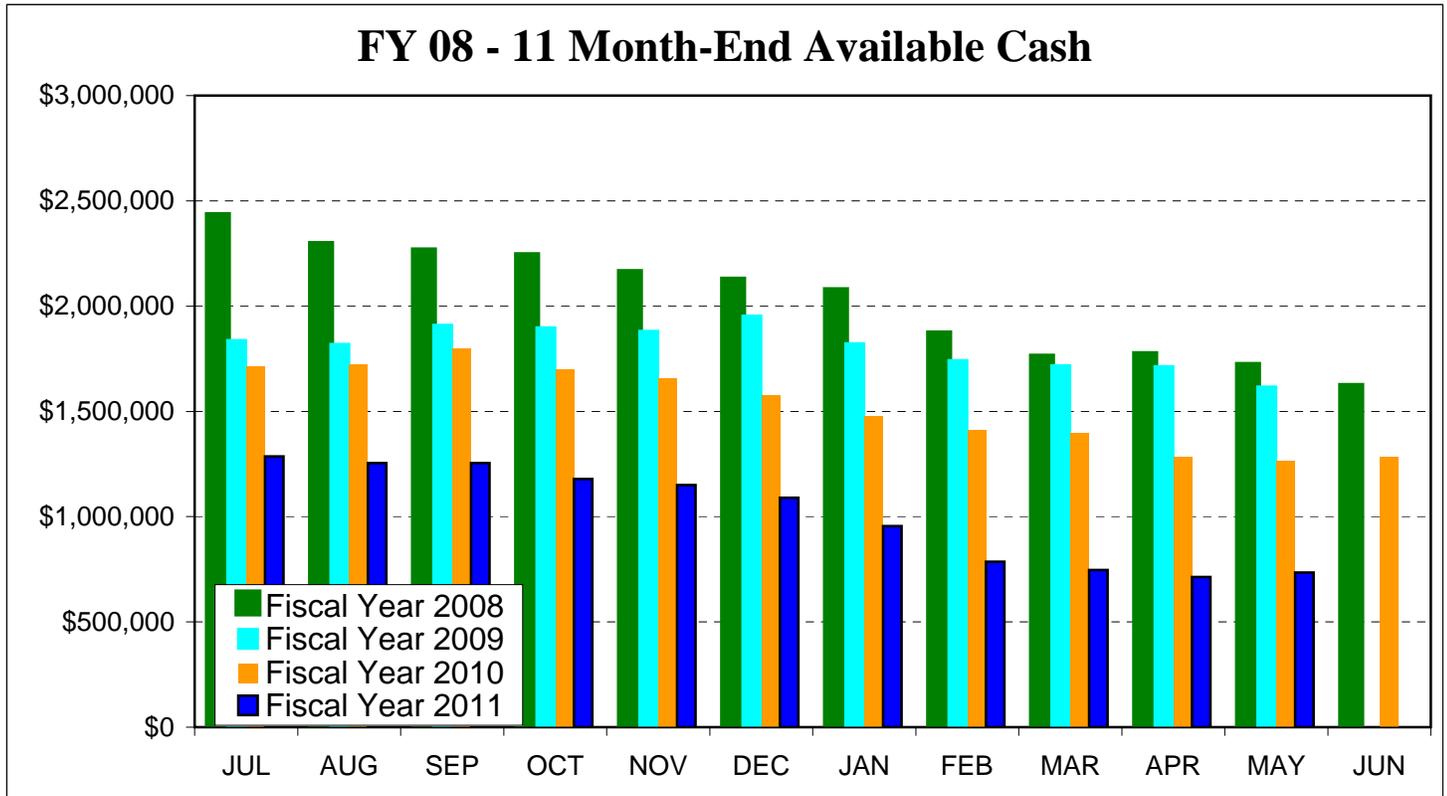
Class	Budget	Fiscal Year To Date	YTD as a % of Budget *	Remaining Budget	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	2,625,000	2,497,566	95.1%	127,434	346,000	2,843,566	108.3%
Expenditures							
Personnel:	2,610,000	2,291,968	87.8%	318,032	205,100	2,497,068	95.7%
Operating:	594,000	706,892	119.0%	(112,892)	50,000	756,892	127.4%
Capital:	70,000	45,958	65.7%	24,042	30,000	75,958	108.5%
Total Expenditures	3,274,000	3,044,817	93.0%	229,183	285,100	3,329,917	101.7%
Net for FY 2011	(649,000)	(547,251)			60,900	(486,351)	

Statement of Cash Balance

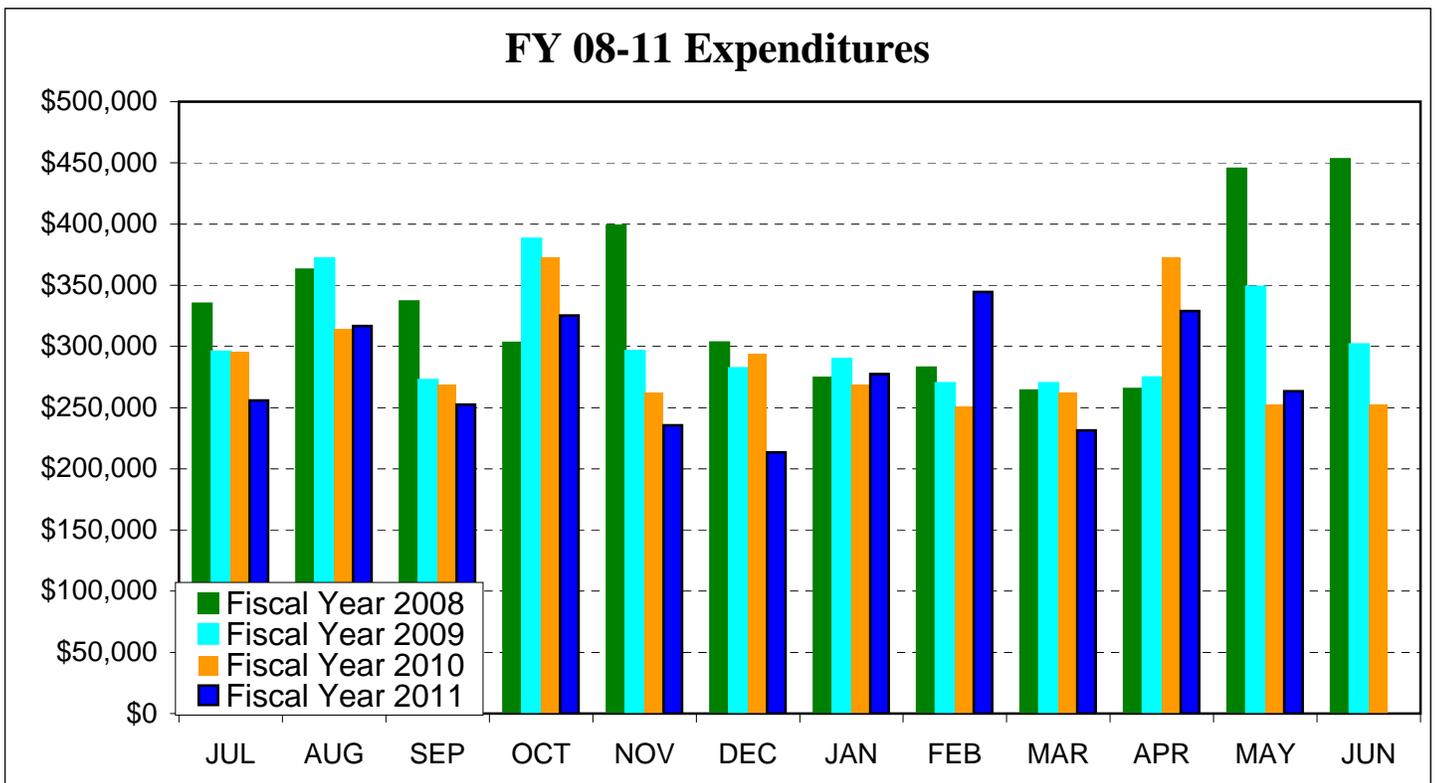
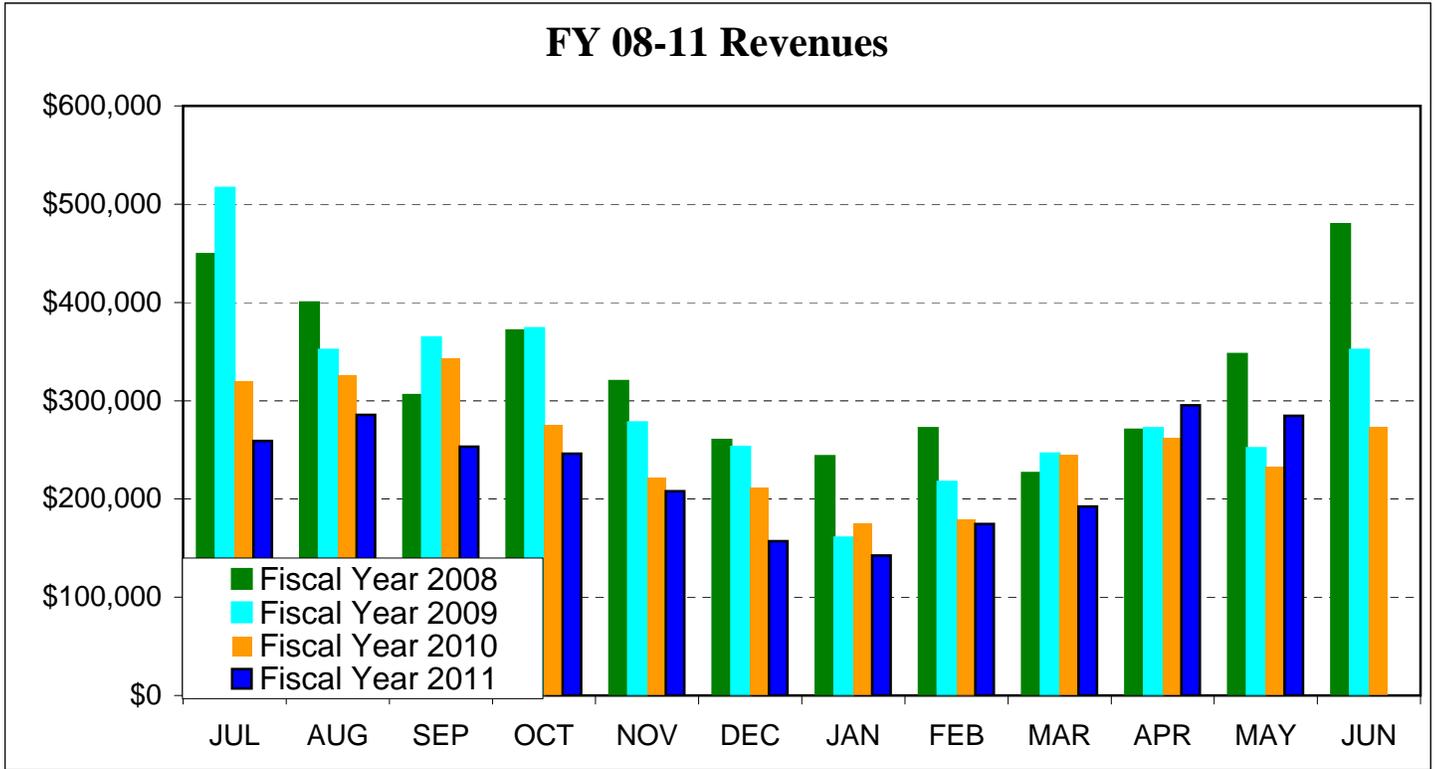
July 1, 2010 Beginning Cash Available	Fiscal Year to Date Revenues	Fiscal Year to Date Expenditures and Encumbrances	Other Changes in Cash	Available Cash as of November 30, 2010	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
1,278,524	2,497,566	(3,044,817)	2,648	733,920	60,900	794,820

* Percent of Fiscal Year Completed 91.7%
 Percent of Pay Periods Completed 92.3%

ELECTRICAL BOARD FUND



ELECTRICAL BOARD FUND



IDAHO ELECTRICAL BOARD

Agenda Item No. 14b

Administrator

PRESENTER: C. Kelly Pearce

OBJECTIVE: Provide the Board with an overview of the Division's current activities

ACTION: Informational

BACKGROUND: This topic is addressed at all regularly scheduled Idaho Electrical Board meetings.

**PROCEDURAL
HISTORY:**

ATTACHMENTS: No documentation

