

**BOARD OF ELECTRICIANS AND PLUMBERS**  
Professional and Vocational Licensing Division  
Department of Commerce and Consumer Affairs  
State of Hawaii

MINUTES OF MEETING

Date: Tuesday, August 6, 2013

Time: 10:30 a.m.

Place: King Kalakaua Conference Room  
King Kalakaua Building  
335 Merchant Street, 1st Floor  
Honolulu, HI 96813

Present: Lindsey Kimura, Public Member, Chairperson  
Peter Akamu, Industry Member  
Matt Brady, Industry Member  
Randal Hiraki, Industry Member  
Morris Kaneshiro, Industry Member  
Randall Kaya, Public Member  
Vernon Ta'a, Public Member  
Rodney J. Tam, Deputy Attorney General  
Charlene L.K. Tamanaha, Executive Officer  
Christine Hironaka, Secretary

Excused: None

Guests: Harold McDermott – Plumbers Union Local 675  
Glenn Ida – Plumbers Union Local 675  
Gregg Serikaku – Plumbing and Mechanical Contractors Association  
("PAMCA")  
Troy Silva – HEMEP  
Ryan Takahashi – Hawaii Electricians Market Enhancement Program  
("HEMEP")  
Peter Lee – Hawaii Laborers Employers Cooperation & Education Trust  
("LECET")  
Maurice Torigoe – Associated Builders & Contractors Hawaii  
Don Morrison – Pacific AquaScapes  
Toni Figueroa – Laborer's Local 368  
Al Lardizabal – Local 368  
Shannon Alivado – General Contractors Association  
Alan Nakamura – City & County  
Joby S. North II – Laborer's Local 368

Agenda: The agenda for this meeting was filed with the Office of the Lieutenant Governor, as required by section 92-7(b), Hawaii Revised Statutes ("HRS").

Call to Order: There being a quorum present, the meeting was called to order at 11:12 a.m.

Introduction of New  
Board Member:

The Executive officer introduced Mr. Randal Hiraki as the most recent member of the Board of Electricians and Plumbers. Mr. Hiraki is currently the President of Commercial Plumbing, Inc. which was established in 1985. The company employs over 130 employees and participates in several charity events throughout the year. He is also a managing member of Commercial Biotech, LLC and with partners founded Accessory Solutions, LLC an international procurement company. Mr. Hiraki was also recognized by the 2013 Junior Achievement Business Hall of Fame for making outstanding contributions to free enterprise and to society.

Additions/  
Revisions to  
the Agenda:

It was moved by Mr. Akamu, seconded by Mr. Brady and unanimously carried to approve the following additions to the agenda:

Applications

a. ELECTRICIANS

1) Journey Worker Electrician ("EJ")

ARKANGEL-KAWAHA, Clifford  
CASTILLO, John  
COLE, Antony  
DELUNA, Leonard G  
HO, Herman  
ILDEFONSO, Amor  
KOKO, Lansen  
NAVERA, Joshua  
SELLEN, Anthony  
TANAKA, Jeff

2) Journey Worker Specialty Electrician ("EJS")

CORPOS, Hershell  
MORRIS, Osian  
OASAY, John  
OJERIO, Joseph  
OSORIO, Andreb

3) Supervising Electrician ("ES")

CARR, Michael  
HAWAY, Daniel  
MANZHURA, Sergey  
MERRITT II, Randal  
NAKAMA, Calvin

b. PLUMBERS

1) Journey Worker Plumber ("PJ")

BLECHEL, Wayne  
GORDON, Phillip  
MOSBY, Bryan  
KAKU, Sean  
LEE, Sihyung  
NADAI-WILLET, Koree  
NUMATA, Reid  
SLOVAK, Edward  
TAKARA-HIRAKI, Corey

2) Master Plumber ("PM")

TOMPSON, James

Approval of  
the Minutes:

It was moved by Mr. Akamu, seconded by Mr. Kaneshiro and unanimously carried to approve the minutes of the June 18, 2013 Board meeting as circulated.

Executive Officer's  
Report

a. Ethics Advisory 2013-03

The Executive Officer reported that the advisory is from the Hawaii State Ethics Commission informing Board members that it is the Commission's opinion that the fair treatment provision requires a board member to resign from the board no later than when he decides to apply for a position that is hired, selected or approved by the board on which the member sits.

Election of Officers:

It was moved by Mr. Kaneshiro, seconded by Mr. Brady, and unanimously carried to nominate Mr. Akamu as Vice Chairperson of the Board of Electricians and Plumbers. Being no other nominations, Mr. Akamu was unanimously elected Vice Chairperson.

Examinations:

a. The Executive Officer distributed the following results of the Electricians' and Plumbers' examination:

Electricians' Exam (administered May 2013)

	<u>EJ</u>	<u>ES</u>	<u>EJI</u>	<u>ESI</u>	<u>EJS</u>	<u>ESS</u>	<u>EM</u>
Exams Administered	74	5	6	2	11	0	3
Successful	59	3	1	1	9	0	1
Unsuccessful	15	2	5	0	2	0	2

- Scope: a. Correspondence from the Regulated Industries Complaints Office (“RICO”) regarding plumber requirements for pool installation.  
(Deferred from the June 18, 2013 meeting.)

The Executive Officer asked Mr. Nakamura if the city requires inspections within the property line. Mr. Nakamura responded that the jurisdiction within 5 feet of the building requires a licensed plumber. The Executive Officer commented that the county was in line with the rules.

Chairperson Kimura asked for comments from the guests. Mr. Lee of Hawaii LECET stated that the Board should check with the Contractor License Board. The Executive Officer indicated that it was not necessary since the Board of Electricians and Plumbers makes the determination as to whether the work performed requires a licensed plumber.

Mr. Brady asked Mr. Nakamura if a contractor with a C-49 license can check for gas and Mr. Nakamura replied “Yes, if it is inside the property line.” The Executive Officer stated that contractors with a C-49 license must also be in compliance with HRS Chapter 448E.

Mr. Ta'a asked “What safety checks exist that ensures that a person installing outside the 5’ line is qualified?” The county inspects all plumbing work within the property provided a permit is pulled. The contractor Board has oversight of those contractors performing the work outside the 5 foot building line and thus there is a public safety aspect employed. Mr. Hiraki added that if a contractor does not take out a permit, no inspection is done. Mr. Nakamura also noted that pools with no plumbing required and filled using a water hose does not require a permit.

Mr. Brady stated that if a pool requires heating, a permit is required and asked if a C-49 can pull a plumbing permit. Mr. Morrison replied that a general contractor pulls the permit for commercial pools and he always works with a licensed plumber to install all backflow preventers and gas lines. His C-49 employees install the pool heaters and piping after the backflow.

Ms. Alivado, from GCA noted that the UPC discusses the design aspect and is followed by the “designers” of the system who work with the installers. Mr. McDermott from Local 675 noted that the UPC only addresses the backflow and does not discuss pool installations. Mr. Lee indicated that the prevailing practice is that general engineering contractors and laborers install pipe work outside the 5 foot building line.

The Board reviewed the definition of plumbing work in HAR Chapter 16-80-3. Mr. Serikaku from PAMCA indicated that the property line less any setbacks equals the buildable space. Mr.

Brady commented that the “building envelope” may be 5 feet or more from the building.

Executive Session: It was moved by Mr. Akamu, seconded by Mr. Brady, and unanimously carried to enter into executive session pursuant to HRS sections 92-4 and 92-5, to consult with the Board’s attorney on questions and issues pertaining to the Board’s powers, duties, privileges, immunities and liabilities at 11:50 a.m.

### **EXECUTIVE SESSION**

It was moved by Mr. Akamu, seconded by Mr. Kaya, and unanimously carried to reconvene to the Board’s regular order of business at 12:53 p.m.

After further discussion it was moved by Mr. Kaya, seconded by Mr. Akamu, with Mr. Kimura, Mr. Hiraki, Mr. Akamu, Mr. Ta’a, Mr. Kaneshiro and Mr. Kaya voting aye and Mr. Brady voting nay in the Board’s determination to Question 1:

Q1: Does the term “building line” mean the property line or the footprint of a building?

A1: The Board determined that the term “building line” in the definition of “plumbing work” in HAR section 16-80-3 means the footprint of the building (i.e., the exterior of the building), not the property line.

It was moved by Mr. Kaya, seconded by Mr. Akamu and unanimously carried to determine the following response to Question 2:

Q2: Is a C-49 swimming pool contractor a “properly licensed contractor able to perform all plumbing work for a spa/swimming pool?”

A2: Under HAR section 16-80-3’s definition of “plumbing work”, a properly licensed contractor can perform exterior piping work five feet or more outside the building line without licensed plumbers. A C-49 swimming pool contractor may be a “properly licensed contractor” under HAR section 16-80-3 as long as the performance of “exterior piping work” falls within the scope of the C-49 swimming pool contractor’s license, and the Board defers this determination to the Contractors License Board.

b. Hawaii Electricians Market Enhancement Program letter regarding Photovoltaic Installations and Scope of Work for Journey Worker Specialty Electrician.

Mr. Takahashi indicated that they are requesting the Board be explicit in its explanation that photovoltaic installations should be performed by persons licensed in accordance with HRS 448E. He noted that the Board in 2009 determined that any grounding and bonding must be performed by a licensed electrician. Mr. Takahashi stated that according to the Board of Electrician and Plumbers 2009 interpretation, the installation of mounting brackets and panels can be done by unlicensed installers but the grounding and bonding is part of the electrical system and should be installed by licensed electricians. Mr. Takahashi added that this is an industry-wide issue and it is not clear to the photovoltaic installer that the NEC Article 690 addresses the photovoltaic system as electrical work.

In addition, he requested that the Board make a determination of the work that may be performed by the journey worker specialty electrician ("EJS"). Specifically whether the EJS may perform the installation of electrical conduits and or raceways.

Deputy Attorney General Tam stated that the Board may want to get input from the photovoltaic companies. Mr. Akamu responded that he was not in agreement because putting panels together requires bonding and grounding panels and the bracket has to be connected to a grounding source.

Mr. Ta'a suggested that the Board contact actual installers and ask how they are ensuring the safety of the public with their installation procedures.

Executive Session: It was moved by Mr. Brady, seconded by Mr. Kaneshiro, and unanimously carried to enter into executive session pursuant to HRS sections 92-4 and 92-5, to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities and liabilities at 1:21 p.m.

#### **EXECUTIVE SESSION**

It was moved by Mr. Kaneshiro, seconded by Mr. Brady, and unanimously carried to reconvene to the Board's regular order of business at 1:47 p.m.

Mr. Akamu moved that an journey worker electrician ("EJ") is required to install the entire system because each panel requires grounding and bonding and is an electrical apparatus. The motion died due to lack of a second.

Deputy Attorney General Tam asked if there was any incidents where the public in Hawaii has been harmed due to the installation of photovoltaic systems? Mr. Akamu indicated that there was a fire in Texas. However none in Hawaii that he is aware of.

Deputy Attorney General Tam suggested that the Board may want to get information and comments from the stakeholders before making a determination that may affect the entire photovoltaic industry. The Executive Officer concurred that the Board should look into the different type of photovoltaic systems and to do its fact finding so that an informed decision may be made by the Board.

It was moved by Mr. Ta'a, seconded by Mr. Kaya, and unanimously carried to defer the Hawaii Electricians Market Enhancement Program letter regarding photovoltaic installations and scope of work for a journey worker specialty electrician until the Board can solicit information and testimony regarding the installation process from photovoltaic installers (C-13 and C-60 contractors) and to invite them to demonstrate their installation procedures at the next Board meeting. The Board also directed the Executive Officer to invite county electrical inspectors and Regulated Industries Complaints Office to attend.

- c. Tritium 3 letter asking if a licensed electrician is required to perform maintenance and repairs on photovoltaic inverter systems.

It was moved by Mr. Kaneshiro, seconded by Mr. Brady and unanimously carried to defer the Tritium 3 letter asking if a licensed electrician is required to perform maintenance and repairs on photovoltaic inverter systems.

- d. Pono Home letter asking if a license is needed to check/diagnose leaks in toilets, faucets, showers, and landscaping.

Due to time constraints, it was moved by Mr. Kaneshiro, seconded by Mr. Brady and unanimously carried to defer the Pono Home letter asking if a license is needed to check/diagnose leaks in toilets, faucets, showers, and landscaping.

**Chairperson Kimura announced he was taking the agenda out of order to address Unfinished Business.**

Unfinished Business: a. Rule Revisions

- i. Local 675/PAMCA Proposal to Amend HAR §§16-80-2 and 16-80-3 (deferred from the June 18, 2013 meeting).

Mr. Serikaku requested that this issue be deferred to the next meeting.

Ms. Alivado requested that this item be removed from the Board's agenda until such time the proponents have a proposal.

Mr. Serikaku assured the Board that he will have a proposal for the next meeting.

b. Proposed 2014 Legislation

Mr. Ida stated that he is currently working on proposed legislation with other parties.

c. Act 35, SLH 2010

The Executive Officer reported that the University of Hawaii Community College has reviewed the course outlines and curriculum overview to assure minimum compliance under HRS chapter 448E-5 and that the following have addressed the appropriate program of study:

- Associated Builders & Contractors (ABC) Hawaii
- Hawaii Electricians Training Fund
- Honolulu Community College's Electrical Installation and Maintenance Technology program
- San Diego Apprenticeship Training Trust

**Chairperson Kimura returned to the order of the agenda.**

Applications:

It was moved by Mr. Kaneshiro, seconded by Mr. Akamu, and unanimously carried to approve to **approve/defer** the following applications as noted.

a. ELECTRICIANS

1. Journey Worker Electrician ("EJ") – Approved

AGBAYANI, Richard M  
AHU, Brandon W K  
ARKANGEL-KAWAHA, Clifford  
BAILEY, Luke M  
BLISCHKE, Scott W  
BONER III, Robert K  
BRINKS, Douglas M  
CARVALHO, Reiny P K  
CHRISTIANSEN, Lachlan  
CIAPARA MATA, Jesus A

COLE, Antony  
CORPUZ, Gene B  
DELUNA, Leonard G  
ECKSTROM, Kyle R  
FERGERSTROM-KALALAU, Ashlee P  
HALL, Keoni K  
HO, Herman  
ILDEFONSO, Amor  
JARRETT, Jeffrey S  
JENKINS, Christopher  
KAYE, Anthony M K  
KELIHWAIWAIIOLE, Mervin D  
KENUI, Brannon K W  
KIM, Hyon U  
KLEIN, Daniel F – The Board felt the applicant qualifies for an EJ license and has approved the applicant to sit for the EJ examination, however deferred the applicant's application for an ES license.

LAI, Howard H W  
LAWRENCE, Edward T  
LIVERTON, Julian M  
LORD, Austin D  
LUDWIG, Daniel J  
MARIANO, Roy D  
MENDES, Marc A  
NAVERA, Joshua  
PAGUIRIGAN, Henry G  
PRINCE, William N  
PRUETT, Russell  
QUEJA, Christian R  
REICHLER, Stephen J  
ROGERS, Gary L  
RUIZ, Joshua K  
SAHAGUN, Edgar N  
SCHOPEN, Christopher  
SUEFUJI, Rylan H  
TAFAR, Christopher  
TANAKA, Jeff  
THOMPSON, Jay S  
TORRES, Benjamin R  
TUIFUA, Feliha'a T K  
TUIONE, Longolongo  
UENI, Peniamina  
VALENTE, Victor K  
WILLIAMS, Benjamin K  
WOODS, Michael A  
YARD, Forrest F

2. Supervising Electrician ("ES") – Approved

BREWER, Kirk R  
CARR, Michael  
CORBIN, Danne J  
DAVIS, Thomas E  
HAWAY, Daniel  
MANZHURA, Sergey  
MERRITT II, Randal  
NAKAMA, Calvin  
RAM, Jay  
SCALICI, Paul F  
SILVA, Tony M  
SIM, Douglas W  
TULLIER JR, Mark A

3. Journey Worker Industrial Electrician (“EJI”) - Approved

FULGENCIO, Mario Y

4. Supervising Industrial Electrician (“ESI”) - Approved

None

5. Journey Worker Specialty Electrician (“EJS”) - Approved

ABE, Matthew K  
ACHONG, Laura L  
ALBER, Reed K  
ALCONCEL, Eltruvel C  
AMALATO, Jay  
ANDERSON, Grant A  
APOSTOL, Michael A  
ARASHIRO, Michael N  
AVILA, Robert A  
BAILEY, Garton K  
BALMOJA, Carl B  
BARROZO, Robert C  
BRIDGES, Ambrose K  
CAMANGA, Carl I  
CASPILLO, Paul Harris  
CHANDLER, William L K  
CHANG, Kolin H W  
CHO, Jason H  
CHOCK, Cedric B P  
CHOCK, Daniel A  
CHU, Michael L  
CORPOS, Hershell  
DIMAYA JR, Paquito R  
FUJIMOTO, Dean T  
FUKUMOTO, Shawn T

FUNN JR, William G  
GALAS, George K  
GANEKO, Isaac Y  
GANEKU, Sean S  
GARCIA, Mark A A  
GILMORE III, Lawrence E  
GSCHWENDER, Clarence  
HINES, Matthew R K  
KAMAUOHA, Kyle K  
KAWAMOTO, Denis C  
KIM, Jason J  
KIMIZUKA, Ryan K  
KOBUKE, Dwayne K  
LANG, Peter A  
LOPEZ, Shawn D - The Board felt the applicant qualifies  
for an EJS license and has approved  
the applicant to sit for the EJS  
examination, however deferred the  
applicant's application for an ESI  
license.

MAEDA, Jeff L S M  
MARUMOTO, Gary T  
MATTHEWS, Calvin J  
MEDEIROS, Reid E K K  
MINAMI, Melvin K  
MORI, Lindsay S  
MORRIS, Osian  
NAGATA, Michael K  
NAKATA, Ian S  
NAKO, Kenneth Y  
OASAY, John  
OJERIO, Joseph  
OKUNO, Chad J M  
OLIVA, Anthony W  
ORILLO, Hilary J  
OSORIO, Andreb  
PAJARILLO, Joe R  
PENA, Glenn M  
PESQUIRA, Allan K  
RINGOR, Francisco B  
SAIKI, Ryan H  
SALDANA, Rodney B  
SAMSON, Jacob L  
SATO, Nathan M  
SHIINOKI, Warren S  
SHIMIZU, Justin J  
SPENCER, Ekena K  
SUZUKI, Bryce Y A  
TAK, Ai Sungjin  
TEVES, Rodney J

TOKUHAMA, Robin N  
TOMINAGA, Raymond T  
VANDENBURG, Michael R  
VILLEGAS, Andrew T  
VINA III, Cruz J  
WAINWRIGHT, Neil R  
WAIPA, Brett K  
YAMASHITA, Rodney K  
YORK, Thomas D  
ZUTTERMEISTER, Marney

6. Supervising Specialty Electrician ("ESS")

None

7. Maintenance Electrician ("EM") - Approved

GARCIA, Samuel M M  
GERSHON, Noah  
GEYROZAGA, Lawrence G  
JONES, Travis D  
KORNEV, Nikolay  
MENDOZA JR, Rodolfo O  
ZIMMER, John E

b. PLUMBERS

1. Journey Worker Plumber ("PJ") – Approved

BLECHEL, Wayne  
GORDON, Phillip  
JAMISON, Glenn L  
KAKU, Sean  
MOSBY, Bryan  
NADAI-WILLETT, Koree  
NUMATA, Reid  
SLOVAK, Edward SONODA, Sean  
TAKARA-HIRAKI, Corey

2. Master Plumber ("PM") – Approved

TOSSMANN, Steven R

c. DEFERRED APPLICATIONS

ALLEN, David Najjar F (EJ)  
BAILEY, Fred (PJ)  
CAMBRA, Kaleo H (EJ)  
CASTILLO, John (EJ)  
DEREGO, Joshua A (PJ)

EPSTEIN, Alex S (PJ)  
FREED, Isaac O (EJ)  
GATES, Stephen D (EJ)  
GAUSE, Marcus K (EJ)  
KLEIN, Daniel F (ES)  
KOKO, Lansen (EJ)  
LEE, Sihyung (PJ)  
LOPEZ, Shawn D (ESI)  
LUX, Seth K (PJ)  
MEDEIROS, Kelly J (ES)  
MELSTROM, Joshua G (EJ)  
PEDRONAN, Flor B (EJ)  
RAPOSAS, Ronald T (EJ)  
SABURO, Jay J (EJ)  
SELLEN, Anthony (EJ)  
SEMEATU, Steve P (EJ)  
SMITH, Evan B (EJ)  
TAHERE, Francis K (EJ)  
TOMPSON, James (PM)  
VAKA, Pongia H (EJ)  
MACDONALD, Dan M (EJ)

- Announcement:
- a. Next Applications Committee Meeting  
Tuesday, December 17, 2013  
9:30 a.m.  
King Kalakaua Conference Room  
335 Merchant Street, 1<sup>st</sup> Floor  
Honolulu, HI 96813
  - b. Next Board Meeting  
Tuesday, December 17, 2013  
10:30 a.m.  
King Kalakaua Conference Room  
335 Merchant Street, 1<sup>st</sup> Floor  
Honolulu, HI 96813

Adjournment: There being no further business to discuss, the meeting was adjourned at 2:15 p.m.

Review and approved by:

/s/ Charlene L.K. Tamanaha  
Charlene L.K. Tamanaha  
Executive Officer

Taken by:

/s/ Christine Hironaka  
Christine Hironaka  
Secretary

CLKT:cmh  
9/6/13

- [ X ] Minutes approved as is.  
[ ] Minutes approved with changes; see minutes of \_\_\_\_\_.