

BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS,
SURVEYORS AND LANDSCAPE ARCHITECTS
Professional and Vocational Licensing Division
Department of Commerce and Consumer Affairs
State of Hawaii

MINUTES OF MEETING

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

Date: Thursday, June 9, 2016

Time: 9:00 a.m.

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

Present: Dan Hirota, Chairperson, Land Surveyor Member
Joyce Noe, Secretary, Architect Member
Demetrio Constantino, Public Member
Alan Inaba, Land Surveyor Member
Ron Iwamoto, Structural Engineer Member
Kevin Katayama, Mechanical Engineer Member
Benedict Lee, Landscape Architect Member
Ken Ota, Public Member
Richard Suzuki, Civil Engineer Member
Rodney J. Tam, Esq., Deputy Attorney General
James Kobashigawa, Executive Officer
Sandra Matsushima, Executive Officer
Terry Akasaka-Toyama, Secretary

Excused: Joel Kurokawa, Vice Chair, Landscape Architect Member
Clayton Pang, Electrical Engineer Member
Marc Ventura, Architect Member

Call to Order: There being a quorum present, the meeting was called to order at 9:20 a.m. by Chair Hirota.

Agenda: Additions and Revisions: It was moved by Mr. Inaba, seconded by Mr. Constantino, and unanimously carried to add the following to the agenda:

Under Executive Officer's Report, add e. Results of May 2016 Landscape Architect – Hawaii Plant Materials State Exam Results.

Approval of
Minutes:

It was moved by Mr. Constantino, seconded by Mr. Ota, and unanimously carried to approve the May 12, 2016 Board meeting minutes as distributed.

Applications:

a. Ratifications

It was moved by Mr. Suzuki, seconded by Mr. Iwamoto, and unanimously carried to ratify the following:

APPROVED ELECTRICAL ENGINEER BY ENDORSEMENT

- AHUJA, Anil

b. Professional Engineer Committee Recommendations

Mr. Suzuki presented the PROFESSIONAL ENGINEER COMMITTEE REPORT and recommended action as follows:

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- ANDERSON, Michael
- BALLARD, Richard
- CHANG, Alan
- FROST, Gregory
- JALBERT, Loren
- KIM, James
- OGI, Irving
- SPANDAU, Christopher

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- CUSICK, James
- EGAMI, Dene
- FERRERA, Janson
- GRUNERUD, Brian
- MAYORGAS, Daniel
- MORRISON, Richard Jr.
- PHAM, Long Nhi
- RAMSING, Kai

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- GONZALES, Orlando
- KOLLER, Mark

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- ARENDS, Grace
- BARHAM, James
- BIRCH, Brian
- CROSBY, Paul
- MAU, Derek
- SCHMOLL, Gustave
- SHAH, Deep

APPROVE ENGINEER BY EXAM (PE)

- GILBERT, Richard (SE)
- GOTO, Dustin (CE)
- HARRIS, Tor (CE)
- ISERI, Gerald Jr. (EE)
- KUMAGAI, Toru (CE)
- LAM, Brian (ME)
- LUONG, Nikki (CE)
- SANTOS, Christina (CE)
- TASAKA, Jayson (CE)

APPROVE ENGINEER BY EXAM (FE)

- BAUTISTA, Rolando
- DELA CRUZ, Valentino
- LUONG, Nikki

DEFER CIVIL ENGINEER BY ENDORSEMENT

- BOTIC, Doru
- GRUNDAHL, Kirk
- JONES, Monica
- KLAPHEKE, Gregory

DEFER ELECTRICAL ENGINEER BY ENDORSEMENT

- OGI, Irving
- ROOT, David
- ZHOU, Gangyi

DEFER MECHANICAL ENGINEER BY ENDORSEMENT

- McCULLOUGH, James
- ZHOU, Gangyi

DEFER ENGINEER BY EXAM (PE)

- DELA CRUZ, Valentino (ME)

DENY CIVIL ENGINEER BY ENDORSEMENT

- SCHWAGER, Michael

It was moved by Mr. Inaba, seconded by Mr. Katayama, and unanimously carried to accept the PROFESSIONAL ENGINEER COMMITTEE REPORT.

c. Professional Architect Committee Recommendations

Ms. Noe presented the PROFESSIONAL ARCHITECT COMMITTEE REPORT and recommended action as follows:

APPROVE ARCHITECT BY ENDORSEMENT

- ARCHER, Gregory
- ASHLEY, Eron
- BENJAMIN, Daniel
- BRUNNER, William
- EDWARDS, Alison
- HURTADO, Armando
- KASIEWICZ, Alden
- MERADITH, Stanley
- PIPKINS, Michael
- SLATTERY, Timothy
- WALZ, Philip

APPROVE ARCHITECT BY EXAM

- GRIFFITH, Joanna

It was moved by Mr. Suzuki, seconded by Mr. Katayama, and unanimously carried to accept the PROFESSIONAL ARCHITECT COMMITTEE REPORT.

d. Professional Land Surveyor Committee Recommendations

Mr. Inaba presented the PROFESSIONAL LAND SURVEYOR COMMITTEE REPORT and recommended action as follows:

APPROVE LAND SURVEYOR BY ENDORSEMENT

- MOEHRL, Christopher (state-constructed exam)

It was moved by Mr. Ota, seconded by Mr. Katayama, and unanimously carried to accept the PROFESSIONAL LAND SURVEYOR COMMITTEE REPORT.

e. Professional Landscape Architect Committee Recommendations

None.

Old Business:

a. Rules Committee Report

- Discussion on Proposed Amendments

At today's Committee meeting, due to the amount of changes to the proposed rules it is taking time to complete them all. As such, the Committee proposes to move forward with the changes that has consensus and defer those which need further discussion. The Committee will await completion of the NCARB Annual Meeting to determine further changes to the rules affecting architects.

The Committee also discussed inviting RICO to a future meeting to discuss untimely completion of continuing education courses when renewing or restoring a license.

- Approval of Minutes of Rules Committee Meeting on May 12, 2016

At the May meeting, the Committee discussed amending section 16-115-59, as NCARB will be renaming IDP to AXP ("Architect Experience Program").

Regarding section 16-115-9, previously the Committee discussed having a certification page be stamped and signed by the design professional to replace the requirement to stamp and sign every page of the plans submitted. The certification page would describe the plans submitted and the pages included.

In continuing the discussion, the Committee recommends continuing the requirement of every page of the plans be stamped and signed, and in addition, a certification page be stamped and signed with a wet signature.

It was moved by Mr. Inaba, seconded by Mr. Constantino, and unanimously carried to approve the May 12, 2016 Rules Committee Meeting minutes.

b. E-mail from Jacob Rosskopf

At last month's meeting, Mr. Rosskopf inquired whether he would need a license or registration for the type of work that he would like to do. He will be partnering with clients which are users, owners, or operators of plants, to design and build plant expansions, plant modifications or new plants. He would not be applying for an engineer license, but wanted to know if some suggested business names would be allowable.

After discussion, it was moved by Mr. Suzuki, seconded by Mr. Constantino, and unanimously carried to reply back to Mr. Rosskopf that based upon the information that was provided, the Board would like to inform him that if any of the activities or services that he intends to provide in the State fall within the definitions of "professional engineer", "civil engineer", "electrical engineer", "industrial engineer", and "mechanical engineer" under Hawaii Revised Statutes chapter 464 and Hawaii Administrative Rules chapter 16-115, he may need to be licensed accordingly.

With regards to business names, the Board determined that he may use the proposed name of "Biogas Technologies Hawaii LLC"; however, he cannot use the proposed name "Biogas & Engineering Hawaii LLC" because it is prohibited under HRS section 464-14 as he is not licensed as an engineer.

New Business:

a. Professional Engineers Report

- Report on NCEES Western Zone Meeting

The meeting was attended by Mr. Hirota, Ms. Matsushima, and Mr. Kobashigawa from May 19-21, 2016 in Anchorage, AK.

The following are highlights from Mr. Hirota's report:

- ✓ The 2018 Zone meeting will be in Hawaii and co-hosted by Guam and Hawaii.
- ✓ The 2019 Zone meeting will be a joint meeting with the Southern Zone in Idaho and in 2020 the meeting will be in Montana.
- ✓ The Principles and Practice of Surveying Exam ("PS") exam is transitioning to computer-based testing ("CBT") with registration and scheduling of the exam to open on June 20, 2016 for the first testing appointments starting in October 2016. CBT for the PE exams are still years away. The soonest transition to CBT would be for the nuclear and chemical PE exams possibly in 2018. The civil PE exam would more than likely be the last to transition over.
- ✓ Arizona proposed that several adjoining states combine their state exams so that once passed a candidate can become licensed in all participating states.
- ✓ In Wyoming, so long as you don't call yourself a surveyor or any other type of occupation, you are allowed to practice.
- NCEES Annual Meeting

This meeting is scheduled for August 24-27, 2016 in Indianapolis, IN. Mr. Suzuki, Mr. Katayama, and Mr. Inaba will be the Board's delegates.
- PAKS Study for Environmental PE Exam

NCEES is seeking licensed environmental engineers to participate in a professional activities and knowledge study ("PAKS") for the Principles and Practice of Engineering ("PE") Environmental exam. The results of this online survey will be used to update specifications for the exam.

NCEES requires a cross section of licensed professional engineers practicing environmental engineering – including those working in industry, consulting, the public sector, and academia – to complete an online survey about the tasks and knowledge required of a licensed environmental engineer with 4 to 6 years of experience to practice in a manner that safeguards the health, safety, and welfare of the public. The survey can be completed in about 20 minutes.

To access the online survey, visit bit.ly/EnvironmentalPE. Responses must be received by July 20, 2016.

- Licensure Exchange (April 2016)
 - ✓ The Committee on Examinations for Professional Engineers ("EPE") surveyed member boards to gauge their support for the developing a practice exam as a licensing requirement if one was available. For this survey, the terms "practice exam" and "professional practice exam" were defined as a nontechnical professional practice exam or module used to test a candidate's level of awareness and knowledge in the professional, ethical, regulatory, contractual, and legal aspects of practicing as a professional engineer. The majority of those who responded said their boards do not test candidates in professional practice areas as a requirement for licensure and most do not support adding such a requirement.

The survey also inquired about continuing professional competency ("CPC") requirements. While most boards have a CPC requirement, the credits earned can be in any area the licensee chooses such as business practice, contracts, financial, etc.

- ✓ The Committee on Member Board Administrators developed a white paper entitled "Procedural Guidance for Decoupling Experience and PE Exam Requirements for Licensure". The purpose of this paper is to provide general guidance and share best practices if a board decided to adopt the decoupling of the experience requirement in order to take the PE exam.

Decoupling is the disconnection of the experience requirement from the requirement for taking the PE exam. Licensure candidates could apply to take the PE exam after meeting the educational requirements for licensure and passing the Fundamentals of Engineering ("FE") exam. The experience requirement would need to be met before applying for licensure. If a board chooses to adopt decoupling, there are things that the board would need to address.

- E3 Member Board Training

Member Board Administrators ("MBA") were able to participate in a webinar training for the new E3 system. However, because of the time difference, Hawaii was given the option to receive a video of the training.

- Deadline for October 2016 Exams

June 20, 2016 – registration opens with NCEES
September 1, 2016 – registration with NCEES closes
October 28-29, 2016 – exam administration

b. Architects Report

- NCARB Annual Meeting

This meeting is scheduled for June 16-18, 2016 in Seattle, WA. Ms. Noe, Mr. Ventura and Mr. Kobashigawa will be attending as the Board's delegates.

- Report on MBE Engagement Session

Ms. Matsushima and Mr. Kobashigawa attended this meeting May 26-27, 2016 in New York, NY. Besides an introduction about NCARB and its mission, core values, strategic planning, financial stability, international outreach programs, and global practice, the role and evolution of being a Member Board Executive was discussed. Other topics included the upcoming change to ARE 5.0, continuing education and how NCARB works with Member Boards to increase licensure of architects.

- CEO Report
 - ✓ At the AIA National Convention, Senior Architect/Advisor to NCARB's CEO, Stephen Nutt, co-presented during a pre-convention workshop on international practice. They met with delegations from the Korea Institute of Registered Architects and the Conselho de Arquitetura e Urbanismo do Brasil and joined architectural organizations from North, Central, and South America at a meeting of the International Union of Architects. These engagements with international regulators enhanced NCARB's global brand.
 - ✓ NCARB has joined a coalition of members of the Federation of Associations of Regulatory Boards ("FARB") that is actively working with key members of the House and Senate Judiciary Committees in response to the various anti-trust issues arising from the recent Supreme Court ruling against the North Carolina Board of Dental Examiners. Under FARB President Mary de Sousa's leadership and with Mr. Nutt's supporting advocacy role, NCARB is helping lead FARB into a more visible leadership role.

- NCARB Press Release on Growth of U.S. Architects

According to a 2015 survey from architectural registration boards, there were over 110,000 licensed architects in the U.S. which is a two percent increase from 2014 and marks the fourth consecutive year of growth.

The survey also revealed that U.S. architects hold over 122,000 out-of-state licenses, which is a three percent increase from 2014.

- NCARB Press Release on Fee Reduction and Streamlining Path to Licensure

Effective June 29, 2016, fees will be reduced for NCARB record applications, annual renewals, and the cost for the Architectural Experience Program ("AXP").

Also effective June 29, 2016, the Intern Development Program ("IDP") will be renamed to the AXP and changed to reflect six broad areas of architectural practice, which also aligns with the six new divisions of the Architectural Registration Examination ("A.R.E.") 5.0.

On a separate note, Ms. Noe informed the Board that she has been appointed to a new NCARB Committee that will look at how architects and design professional are moving forward to conserving and regenerating energy.

c. Surveyors Report

See "Report on NCEES Western Zone Meeting".

d. Landscape Architects Report

- CLARB Annual Meeting

The 2016 Annual Meeting is scheduled for September 22-24, 2016 in Philadelphia, PA. To be discussed at the meeting is CLARB's recommendation of a three-pronged approach that focuses on defending a board's ability to protect the public; adapting to changes whether demographic, technological, or other; and to innovate the future by developing foresight.

- Member Board E-News (May 2016)

- ✓ Results from the 2016 task analysis survey provided a strong foundation for the ongoing process of re-validating the Landscape Architect Registration Exam ("L.A.R.E.") content. Participants were from all 50 U.S. states, twelve Canadian provinces, Washington, D.C. and Puerto Rico, which was a 34% increase from the 2010 task analysis. The Task Analysis Workgroup will continue the reassessment process and determine what, if any, refinements need to be made to the exam. Implementation will depend on the scope and nature of the workgroup's conclusion, but at the earliest any changes would be made won't be until 2017.

- ✓ The following resources are available to exam candidates from CLARB and ASLA:
 - * CLARB's L.A.R.E. Orientation Guide – this guide contains everything candidates need to know about the exam, including content outline, FAQ's, and what to bring to the testing center.
 - * CLARB's recommended reading list – this is a reference list prepared by CLARB's Examination Committee based on resources the Committee uses to prepare the exam.
 - * ASLA's "Prepare for the L.A.R.E." webpage – ASLA's resources includes sample test questions (provided by CLARB), map to help candidates find review sessions near them and more.
 - * CLARB's one-on-one customer service – CLARB's staff are available to answer questions about the exam and its requirements, as well as walk candidates through the process.
- CLARB Communique: New Model for Addressing Antitrust Issues

The composition of state boards has become the focus of criticism, rather than focusing on what board action constitutes a potential antitrust risk.

FARB recommended a model for identifying and addressing antitrust issues that recognize that the Court has characterized state regulatory boards as "non-sovereign" and therefore not uniformly protected by the immunity conferred by the state action doctrine. According to FARB, the Court proposed a two-part immunity test which entails having a "clearly articulated policy to displace competition" and having active supervision by the state. With this in mind, FARB's model provides an excellent starting point and puts the focus, properly on a board's potential actions and its antitrust risk rather than how the board is composed.

e. Election of Officers

The floor was opened for nominations for Chair.

It was moved by Mr. Suzuki, seconded by Mr. Ota, and unanimously carried to nominate and elect Mr. Kurokawa as Chair for the upcoming year beginning in July.

The floor was opened for nominations for Vice Chair.

It was moved by Mr. Hirota, seconded by Mr. Ota, and unanimously carried to nominate and elect Ms. Noe as Vice Chair.

The floor was opened for nominations for Secretary.

It was moved by Mr. Suzuki, seconded by Mr. Katayama, and unanimously carried to nominate and elect Mr. Iwamoto as Secretary.

Correspondence: a. Letter from Judith Hayducsko

Ms. Hayducsko was previously approved to take both the Fundamentals of Engineering ("FE") Exam and Principles and Practice of Engineering ("PE") exam in civil engineering as she was denied a waiver of the FE exam for not having 15 years of experience in responsible charge to qualify for the waiver. She has since passed the PE exam, but is again requesting for a waiver of the FE exam based upon her years of experience in responsible charge.

After discussion, it was moved by Mr. Suzuki, seconded by Mr. Constantino, and unanimously carried to again deny Ms. Hayducsko's request for a waiver of the FE exam as she still does not have the 15 years of experience in responsible charge to qualify for the waiver.

Executive
Officer's Report:

a. Statistics on April 2016 Principles and Practice of Engineering ("PE") Exams

	<u>CIVIL</u>	<u>ECP: Power</u>	<u>MECH</u>
Number of Candidates:	53	19	13
Number Passed:	28	8	6

b. Statistics on April 2016 Principles and Practice of Surveying ("PS") and Professional Land Surveyor State Exam

	<u>PS</u>	<u>STATE</u>
Number of Candidates:	4	2
Number Passed:	1	1

c. DCCA Disciplinary Actions

Disciplinary actions through April 2016 were circulated to the members for their information.

d. FARB Regulatory Law Seminar

A brochure on the seminar was distributed for the Board's information.

e. Results of May 2016 Landscape Architect – Hawaii Plant Materials State Exam Results

Number of Candidates:	2
Number Passed:	1

Next Meeting: Thursday, July 14, 2016
9:00 a.m.
King Kalakaua Conference Room
King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Adjournment: The meeting was adjourned at 10:48 a.m.

Taken and recorded by:

/s/ Terry Akasaka-Toyama
Secretary

Reviewed and approved by:

/s/ James Kobashigawa
James Kobashigawa
Executive Officer
6/30/16

[X] Minutes approved as is.

[] Minutes approved with changes; see minutes _____.