The Professional Engineering Division of the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects was called to order by Chairman Kevin Skibiski at 10:13 a.m. on Monday, January 28, 2019. A quorum being present, Chairman Skibiski declared the meeting open for business.

**Members Present**

Kevin Skibiski, Chair of the Division  
Abiodun “Abe” Adewale, Member of the Division  
Craig Lucas, Member of the Division

**Others Present**

Sandra Robinson, Processing Technician Supervisor  
Cherie Bishop, Processing Technician Supervisor

To better track the order in which items were taken up on the agenda, each item in the minutes will be listed in the order it was discussed in the meeting.

**Approval of Minutes**

On motion of Mr. Adewale and seconded by Mr. Lucas, the minutes for the November 8, 2018 open meeting were approved as submitted.

**Discuss status of, or potential changes to, the Board Rules and/or Chapter 327, RSMo, regarding the Professional Engineering profession**

Full Board Agenda Item #15, Review and discussion of proposed amendments to Board Rules 20 CSR 2030-5.080 and 20 CSR 2030-5.105 to allow Decoupling of the Professional Engineering Examination: The Professional Engineering Division Members
decided to proceed with the suggested amendments to Board Rule 20 CSR 2030-5.080 Standards for Licensure – Professional Engineers to read as follows:

PURPOSE: This rule sets out standards for admission to engineering examinations and is being amended to allow applicants to take the engineering examination while gaining their four year experience.

(1) [Before being admitted to the examination, a] An applicant for licensure as a professional engineer shall have the knowledge, skills, and experience as the board deems necessary to qualify the applicant for being placed in responsible charge of engineering work. The minimum length of experience required of the applicant, based on education, is three (3) years for any applicant holding a master’s degree in engineering; however, an applicant will not be admitted to the examination sooner than four (4) years after the applicant has satisfied the educational requirements of sections 327.221 and 327.241.6, RSMo. [or] Any applicant who meets the educational requirements of Sections 327.221, and 327.241.6, RSMo, conferred with a master’s degree in engineering concurrently while acquiring three (3) years of satisfactory engineering experience, as provided in this rule, qualifies for admission to the examination. The Engineers’ Council for Professional Development (ECPD) has been succeeded by the Accreditation Board for Engineering and Technology, Inc. (ABET). For purposes of evaluating engineering curricula at the baccalaureate level, the programs accredited by the Engineering Accreditation Commission (EAC) of ABET shall be the basis used for evaluation of programs not accredited by EAC of ABET.

(2) The board reserves the right to revoke this approval at any time and to prepare and administer the examination as it deems proper.

(3) Foreign-educated applicants holding an engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to submit a favorable evaluation report completed by an evaluation service acceptable by the professional engineering division of the board certifying equivalency to an ABET accredited degree. Applicants holding a United States of America (USA) engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to have their educational degree program evaluated in order to determine whether or not it is equal to or exceeds the programs accredited by ECPD, ABET, or their successor organizations. The evaluation must be completed by an evaluation service acceptable by the professional engineering division of the board. The evaluator, by evaluation of transcripts and an official publication describing the engineering degree program of the institution, personal interview, by examination, or both in any other manner deemed suitable, shall make an evaluation as to whether the academic program completed by the applicant meets the minimum educational requirements established by section...
327.221, RSMo. The evaluator shall recommend to the professional engineering division and report how any deficiencies can be corrected, listing prescribed educational areas to bring the applicant’s academic qualifications up to the required minimum. Deficiencies in engineering courses must be made up with courses offered by an EAC/ABET-accredited degree program or equivalent. The report of the evaluator is not binding upon the division.

(4) An applicant who completes an engineering education program that is non-accredited and not deemed substantially equivalent and who then earns a graduate engineering degree from a United States school with an EAC/ABET-accredited undergraduate or graduate program in an equivalent discipline will be accepted for the licensure process. The graduate degree should be treated as confirming the undergraduate degree giving the applicant equal standing with an applicant who has graduated from an EAC/ABET undergraduate engineering program. The degree earned in the graduate program validates the degree earned in the non-accredited undergraduate program and would not then be applicable for experience credit.

(5) A degree in engineering technology does not meet the educational requirements of section 327.221, RSMo.

(6) Any applicant deemed by the professional engineering division under sections (3) or (4) of this rule to have completed an educational program which is equal to or exceeds those programs accredited by ECPD, ABET, or their successor organizations shall be required to have obtained the minimum engineering work experience as is required in section (1) of this rule before applying for licensure. In all cases, the board will consider only that experience the applicant has obtained after satisfying the educational requirements of sections 327.221 and 327.241, RSMo.

(7) In evaluating the minimum engineering work experience required of all applicants, maximum credit granted includes the following:
   (A) Engineering teaching at collegiate level (only advanced engineering subjects or courses related to advanced engineering at board approved schools), assistant professor and higher—year-for-year;
   (B) Master’s degree in engineering—one (1) year for completion;
   (C) Military service (commissioned only—normally this service is in a technical branch such as engineering, ordinance, civil work services (CWS), civil engineering corps (CEC), etc.): Generally year-for-year subject to evaluation;
   (D) Construction (technical decision-making level), above average complexity, nonstandard design, or both involving field modification—year-for-year;
   (E) Project planning including layout and twenty-five percent (25%) or more design—year-for-year;
(F) Research and development at the planning and decision-making level—year-for-year; and
(G) Engineering management and administration—year-for-year.

(8) Individual evaluation may result in less than full credit.

The Professional Engineering Division Members also decided to proceed with the suggested amendments to Board Rule 20 CSR 2030-5.105 Reexaminations – Professional Engineers to read as follows:

PURPOSE: This rule outlines the policy for reexamination of engineer-intern and professional engineering applicants who fail the examination(s). The professional engineering exam is being transitioned to computer based testing; therefore, this rule is being amended to accommodate the policy for the transition.

(1) An applicant for enrollment as an engineer-intern failing to make a passing grade on the National Council of Examiners for Engineering and Surveying (NCEES) Fundamentals of Engineering Examination may have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the applicant applies for reexamination in accordance with NCEES policy.

(2) An applicant for examination and licensure as a professional engineer failing to make a passing grade on the NCEES Principles and Practice of Engineering Examination may have unlimited opportunities to retake the examination so long as the applicant remains qualified to be examined on the date of the reexamination and providing the applicant applies for reexamination in accordance with NCEES policy. [following criteria are met:]

(A) The applicant applies for reexamination on forms furnished by the board; and
(B) The applicant pays the reexamination fee; and
(C) The applicant files his/her application for reexamination on or before the filing deadline established by the board; and
(D) The applicant provides any additional information deemed pertinent to the board.

The Professional Engineering Division Members also discussed changes to Chapter 327, RSMO. After much discussion, the Division Members were not sure this was the appropriate time to open Chapter 327, RSMO, but directed Chairman Skibiski to discuss this matter with the Design Alliance on Wednesday, January 30th to get their take on the appropriate time to open Chapter 327, RSMO, for changes to the statutes.
Review and discussion of Open Items on the full Board’s January 28 and 29, 2019 agenda

The Professional Engineering Division Members decided that no Open Items from the Board’s January 28 and 29, 2019 agenda required any discussion at this time. This item was presented for informational purposes; therefore no action was taken.

Motion to Close

At approximately 10:20 a.m., Chairman Skibiski then called for a motion to close the meeting to the general public for the purpose of discussing confidential or privileged communications between this agency and its attorney as well as to discuss pending litigation and complaint and licensing matters. Mr. Adewale made a motion that the meeting be closed to the general public pursuant to Chapter 610.021 subsection (14) and 324.001.8, RSMo, for the purpose of discussing investigative reports, complaints, audits and/or other information pertaining to licensees or applicants; Chapter 610.021 subsection (1) RSMo, for the purpose of discussing general legal action, causes of action or litigation and any confidential or privileged communication between this agency and its attorney, and for the purpose of reviewing and approving closed meeting minutes of one or more previous meetings under Chapter 610.021, RSMo, which authorizes this agency to go into closed session during those meetings. The motion was seconded by Mr. Lucas. A roll call vote was taken and unanimously carried. Chairman Skibiski asked all visitors to please leave the room. There being none, Chairman Skibiski then declared the meeting closed to the general public.

Reconvene in Open Session and Recess

At 1:32 p.m., the Professional Engineering Division Members reconvened in Open Session for the purpose of adjournment.

Before adjourning the meeting, Mr. Adewale suggested the Board draft some language for the Board Rules to address NCEES Emeritus members of the Board. Ms. Kempker asked Mr. Adewale if he had any suggestions for language for the rule. Mr. Adewale then volunteered to draft a rule defining NCEES Emeritus status.
Adjournment

There being no further business, on motion of Mr. Adewale seconded by Mr. Lucas and unanimously carried, the meeting adjourned at 1:32 p.m. on Monday, January 28, 2019.

ATTEST:

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Executive Director

Date Approved:______________________