

REGULATION OF THE COUNCIL OF ENGINEERS
on Training and Knowledge Examination for Professional Readiness to Practice
the Regulated Engineering Profession, B.E. 2565 (2022)

Whereas it is appropriate to revise the Council of Engineers Board Regulation on training and knowledge examination for persons with sufficient potential to practice the Regulated Engineering Profession so that administration may be more efficient and to support implementation by electronic means.

By virtue of Section 33 (3) of the Engineer Act, B.E. 2542 (1999), together with Clause 12, the Regulation of the Council of Engineers on the Issuance of Licenses to Practice the Regulated Engineering Profession at the Associate Engineer Level, B.E. 2561 (2018), and Clause 9 of the Regulation of The Council of Engineers on the Issuance of Licenses to Practice the Regulated Engineering Profession at the Adjunct Engineer Level, B.E. 2543 (2000), and the Amendment (No. 2), B.E. 2555 (2012), and in accordance with the resolution of the Council of Engineers Board Meeting No. 56-13/2565 dated 8 August B.E. 2565 (2022), the Council of Engineers Board hereby issues the following Regulation:

Clause 1 Short Title - This Regulation shall be cited as the “Council of Engineers Board Regulation on Training and Knowledge Examination for Professional Readiness to Practice the Regulated Engineering Profession, B.E. 2565 (2022).”

Clause 2 Effective Date - This Regulation shall come into force on the day following its publication in the Royal Thai Government Gazette.

Clause 3 The Regulation of the Board of the Council of Engineers on Training and Knowledge Examination on Readiness to Practice the Regulated Engineering Profession, B.E. 2563 (2020), is hereby repealed.

Clause 4 Definitions - In this Regulation:

“Training and Knowledge Examination” means the training and examination of knowledge for persons with sufficient potential to practice the Regulated Engineering Profession at the Associate Engineer level , with a view to confirming their readiness to practice.

“Subcommittee” means the Subcommittee on Training and Knowledge Examination on Readiness to Practice the Regulated Engineering Profession.

“Examination proctor” means the subcommittee, COE officers, or other persons assigned by the subcommittee to be responsible for supervising the knowledge examination under this Regulation.

Clause 5 The training and knowledge examination under this Regulation shall primarily be conducted by electronic means; however, in cases of necessity or force majeure, other methods as approved by the Board of the Council of Engineers may be implemented.

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Clause 6 The training and the knowledge examination shall cover the following bodies of knowledge:

- 1) Safety
- 2) Professional Ethics
- 3) Law
- 4) Environment
- 5) Integrative/professional readiness topics (e.g., proposal/presentation skills or other readiness-development activities for practicing the Regulated Engineering Profession), as prescribed by the Council of Engineers Board.

Clause 7 A person who has passed the Knowledge Examination for licensure to practice the Regulated Engineering Profession at the Associate Engineer level or Adjunct Engineer level and who wishes to undertake the training and knowledge examination for professional readiness shall submit an application in the form prescribed by the Office of the Council of Engineers and pay the fee at the rate set in the Ministerial Regulation on Fees for Practitioners of the Regulated Engineering Profession.

The application form and the list of supporting documents shall be as prescribed by the Council of Engineers Board.

Clause 8 A candidate must complete all required stages of training specified for the knowledge examination in order to be eligible to sit the examination under this Regulation.

Clause 9 A candidate in the training and knowledge examination who obtains a score of not less than sixty percent (60%) in each subject offered shall be deemed to have passed the knowledge examination.

A candidate who fails any subject shall be entitled to one re-sit of that subject within thirty (30) days from the date the initial examination results are announced.

A candidate who takes the make-up examination within the time limit prescribed in paragraph two and obtains a score of not less than sixty percent (60%) in each make-up subject shall be deemed to have passed the knowledge examination.

A candidate who obtains a score of less than sixty percent (60%) in any make-up subject, or who fails to sit the make-up examination within the period specified in paragraph two, shall be deemed not to have passed the examination and shall submit a new application to undergo the training and knowledge examination.

Clause 10 If a candidate is unable to attend the training under Clause 8 or the knowledge examination under Clause 9 on the scheduled date may submit a petition with supporting documents to request a postponement of the training or examination, as the case may be, primarily by electronic means; provided that, where it is necessary and electronic submission cannot be made, such petition shall be submitted to the Office of the Council of Engineers. The petition shall be submitted at least one day prior to the scheduled date, unless prevented by force majeure.

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Consideration of a postponement request under paragraph one shall proceed as follows:

1) Where the candidate is unable to attend due to force majeure or certified illness, the Office of the Council of Engineers shall instruct the Examination Centre to reschedule and notify the candidate by appropriate means.

2) In other cases, the Chair of the Subcommittee on Training and the Knowledge Examination shall determine the action to be taken, and the Office shall inform the candidate of the decision without delay.

Clause 11 Candidates' rights and duties for training and the Knowledge Examination are as follows:

1) Study the guidelines/manual for use of the electronic examination system.

2) Comply with all rules and announcements relating to the training and the Knowledge Examination issued by the Council of Engineers.

3) Prepare an appropriate examination environment, including a quiet location with sufficient lighting and a stable internet connection, so that proctoring can be effectively carried out.

4) Candidates taking the knowledge examination shall strictly comply with the instructions of the examination proctor.

5) Prepare the devices to be used for the examination to ensure compatibility with the Council of Engineers' system.

6) Present a national identification card (ID Card) or other government-issued ID for identity verification during the knowledge examination.

7) Dress properly

8) Candidates must log in to the system at least thirty minutes before the examination begins, and no candidate will be allowed to log in after thirty minutes from the commencement of the knowledge examination.

9) In the event of technical problems, immediately notify the examination proctor.

10) Candidates taking the knowledge examination must keep their camera on throughout the examination and must permit the Council of Engineers to record images and sound for the entire period of the examination.

11) Candidates should keep their microphone muted throughout the examination, except that, if the candidate needs to communicate with the examination proctor; the microphone may be turned on upon receiving the proctor's permission.

12) Any action unrelated to the knowledge examination may be undertaken by the candidate only with the consent of the examination proctor.

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13) Any other conditions may be additionally prescribed by the Subcommittee for the purpose of supervision and audit of the Knowledge Examination, with the approval of the Council of Engineers.

Clause 12 Prohibited acts. A candidate shall not do any of the following during the Knowledge Examination:

- 1) commit, or exhibit behavior amounting to, cheating in the examination.
- 2) arrange for another person to substitute or speak to / contact any external person.
- 3) copy questions, make duplicates, record, capture the screen, photograph, or engage in any act of a similar nature.
- 4) bring in any device or equipment capable of receiving and displaying information to facilitate answering questions, other than what is expressly permitted.

Clause 13 Immediate measures by the proctor. Where a trainee/candidate violates or fails to comply with Clause 12, the proctor shall take one of the following actions:

- 1) issue a warning.
- 2) disallows the candidate to continue the examination.

In applying (1), the proctor shall consider what is appropriate, taking into account the seriousness of the conduct in each case.

In the case under (2), the proctor shall record the incident and report it to the Subcommittee without delay.

Clause 14 Sanctions by the Subcommittee. Where a candidate violates or fails to comply with Clause 11, the Subcommittee may impose one of the following sanctions:

- 1) deduct marks in any subject or in all subjects.
- 2) invalidate (fail) any subject or all subjects; or
- 3) suspend the right to undertake the training and the Knowledge Examination for a specified period, not exceeding one hundred and eighty (180) days.

If the candidate is found to have cheated in the examination and the Subcommittee considers it to be serious cheating, or if the candidate is found to have colluded in cheating, the Subcommittee may cancel the sitting and bar the candidate from taking the training and the Knowledge Examination thereafter.

Clause 15 The Subcommittee appointed under this Regulation shall continue to perform its duties until a new Subcommittee is appointed.

Clause 16 Persons who undertook the training and Knowledge Examination prior to the effective date of this Regulation and have not yet met the required standard shall be deemed candidates under, and be subject to, this Regulation.

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Clause 17 Applications, training and the Knowledge Examination, result notifications, permissions, administrative orders, payments, forms, or any proceedings under this Regulation may be made, stored, or carried out in the form of electronic data. Any such electronic data or electronic registers that are retrievable shall have legal effect under this Regulation. The criteria and conditions shall be in accordance with the law on electronic transactions.

Promulgated on 15 August B.E. 2565 (2022)

(Signed)

Associate Professor Piyabutr Wanichpongpan
President, Council of Engineers