
-Unofficial Translation -#

Regulations of the Council of Engineers
On Requirements and Qualifications of Regulated Engineering Profession Practitioners of Each Level
in the Field of Electrical Engineering,
B.E. 2551 (A.D. 2008)

By virtue of Section 8 (6) (f) and paragraph two of Section 46 of the Engineer Act, B.E. 2542 (A.D. 1999), and the Ministerial Regulations Prescribing the Fields of Engineering Profession and Regulated Engineering Profession, B.E. 2550 (A.D. 2007), which are laws containing certain provisions relating to the restriction of rights and liberties of persons, for which Section 29 in conjunction with Section 43 and Section 45 of the Constitution of the Kingdom of Thailand so permitted by virtue of the provisions of law, the Council of Engineers, with approval of the Ordinary General Assembly of the Council of Engineers and approval of the Special President of the Council of Engineers, issues these Regulations as follows:

Clause 1. These Regulations shall be called “Regulations of the Council of Engineers on Requirements and Qualifications of Regulated Engineering Profession Practitioners of Each Level in the Field of Electrical Engineering, B.E. 2551 (A.D. 2008).”

Clause 2. These Regulations shall come into force from the day following the date of its publication in the Government Gazette onwards.

Clause 3. The works, types and sizes of regulated engineering profession in the field of electrical engineering shall be as stipulated in the Ministerial Regulations Prescribing the Fields of Engineering Profession and Regulated Engineering Profession, B.E. 2550 (A.D. 2007).

Clause 4. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power at the senior professional engineer level may practice the electrical power works of all types and sizes.

Clause 5. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power at the professional engineer level may practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power of only the following works, types and sizes:

(1) Project Planning Work: electrical power generating system with total capacity of not over 50,000 KVA or with peak line voltage of not over 36,000 volts;

(2) Design and Computational Work:

(a) Electrical system or electrical device with capacity of not over 50,000 KVA or with peak line voltage of not over 36,000 volts;

(b) Electrical system for public building with total electrical power of not over 10,000 KVA; and

(c) Electrical signaling system for fire alarm and lightning protection of high rise building, large scale building, or condominium of all sizes.

(3) Construction or Production Supervision:

(a) Electrical system with peak line voltage of not over 115 kilovolts;

(b) Electrical device with capacity of not over 100,000 KVA or with peak line voltage of not over 115 kilovolts;

(c) Electrical system for public building with total electrical power of not over 20,000 KVA; and

(d) Electrical signaling system for fire alarm and lightning protection of high rise building, large scale building, or condominium of all sizes.

(4) Investigation Work of all types and sizes

(5) Operation and Maintenance Supervision:

(a) Electrical system with peak line voltage of not over 115 kilovolts; and

(b) Electrical device with capacity of not over 100,000 KVA or with peak line voltage of not over 115 kilovolts.

Clause 6. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power at the associate engineer level may practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power of only the following works, types and sizes:

(1) Design and Computational Work:

(a) Electrical system or electrical device with capacity of not over 1,000 KVA or with peak line voltage of not over 12 kilovolts;

(b) Electrical system for public building with total electrical power of not over 1,000 KVA; and

(c) Electrical signaling system for fire alarm and lightning protection of high rise building, large scale building, or condominium of all sizes;

(2) Construction or Production Supervision:

(a) Electrical system with capacity of not over 10,000 KVA or with peak line voltage of not over 36 kilovolts;

(b) Electrical system for public building with total electrical power of not over 10,000 KVA; and

(c) Electrical signaling system for fire alarm and lightning protection of high rise building, large scale building, or condominium of all sizes;

(3) Investigation Work, except the analysis of electrical system of all types and sizes; and

(4) Operation and Maintenance Supervision of the electrical system or electrical device with capacity of not over 10,000 KVA or with peak line voltage of not over 36 kilovolts.

Clause 7. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical power at the adjunct engineer level may practice the works of the types and sizes specified in the license.

Clause 8. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication at the senior professional engineer level may practice all of the electrical telecommunication works, types and sizes.

Clause 9. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication at the professional engineer level may practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication of only the following works, types and sizes:

(1) Project Planning Work of telecommunication network with receiving, transmission, and broadcasting stations to propagate electromagnetic wave with transmission power of not over 1 KW at each station;

(2) Design and Computational Work:

(a) Electromagnetic wave propagation system with transmission power of not over 5 KW at each station; and

(b) Receiving, transmission, separating and multiplexing of signal system using electromagnetic wave of all frequencies;

- (3) Investigation Work of all types and sizes; and
- (4) Operation and Maintenance Supervision of electromagnetic wave propagation system with transmission power of not over 5 KW at each station.

Clause 10. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication at the associate engineer level may practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication of only the following works, types and sizes:

- (1) Design and Computational Work and Construction and Production Supervision of receiving, transmission, separating and multiplexing of signal system using electromagnetic wave with not over 240 audio channels or equivalent;
- (2) Investigation Work of all types and sizes; and
- (3) Operation and Maintenance Supervision of electromagnetic wave propagation system with transmission power of not over 2 KW at each station.

Clause 11. A person licensed to practice the regulated engineering profession in the field of electrical engineering and sub-discipline of electrical telecommunication at the adjunct engineer level may practice the electrical telecommunication engineering works of the types and sizes specified in the license.

Clause 12. In the case where it is necessary to make a judgment on requirements and qualifications of regulated engineering profession practitioners at each level in the field of electrical engineering under these Regulations, the Board of the Council of Engineers shall be responsible for making such judgment and the Board of the Council of Engineers' judgment shall be final.

Clause 13. A person licensed to practice the regulated engineering profession who has practiced the regulated engineering profession of the type and field specified in the license in accordance with rules and conditions prescribed by the Ministerial Regulations No. 4 (B.E. 2508, A.D. 1965) issued pursuant to the Engineering Profession Act, B.E. 2505 (A.D. 1962), before the date these Regulations comes into force may continue to perform the work until it is completed.

Announced on 13 November 2008
Wira Mawijak
President of the Council of Engineers