

Registration for Professional Engineer

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President**





CLASSIFICATION OF REGULATED ENGINEERING PROFESSION

Persons who practicing the Regulated Engineering Profession in any field may be classified into four levels as follows:

- (1) Associate Engineer**
- (2) Professional Engineer**
- (3) Senior Professional Engineer**
- (4) Adjunct Engineer**

Note: 1) Adjunct Engineer is a level of engineering professional license granted to COE member and expatriate for specific area of engineering practice and limited scope of engineering work.





REGULATED ENGINEERING PROFESSION DISCIPLINES


There are seven disciplines of the Regulated Engineering Professions under the Engineer Act, B.E. 2542.

- (1) Civil Engineering**
- (2) Electrical Engineering**
- (3) Mechanical Engineering**
- (4) Industrial Engineering**
- (5) Mining Engineering**
- (6) Chemical Engineering**
- (7) Environmental Engineering**






NON-REGULATED ENGINEERING PROFESSION DISCIPLINES

- » **Aerospace**
 - » **Biomedical**
 - » **Food**
 - » **Agricultural**
 - » **Building
Maintenance**
 - » **Fire Protection**
 - » **Information**
 - » **Computer**
 - » **Petroleum**
 - » **Survey**
 - » **Water Resource**
 - » **Coastal**
 - » **Mechatronics**
 - » **Automotive**
 - » **Naval
Architecture**
 - » **Energy**
 - » **Railway Systems**
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SIGNIFICANT ENGINEERING WORKS

The Ministerial Regulation, B.E. 2550 has determined on the Significant Engineering Works in Engineering Profession and Regulated Engineering Profession as follows:

- (1) Consultancy, including recommendation, investigation and verification of engineering practice.**
 - (2) Project Planning, including studying and analysis for project alternatives or project planning.**
 - (3) Analysis and Design, including construction detail, construction, production or plant layout which describes in detail of calculation, drawing, specification, and cost estimation.**
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SIGNIFICANT ENGINEERING WORKS

(4) Engineering Supervision, including operating or supervision on construction project, production, manufacturing, installation, repair, modification, project decommissioning or mobilization of engineering, in accordance with drawing and specifications.

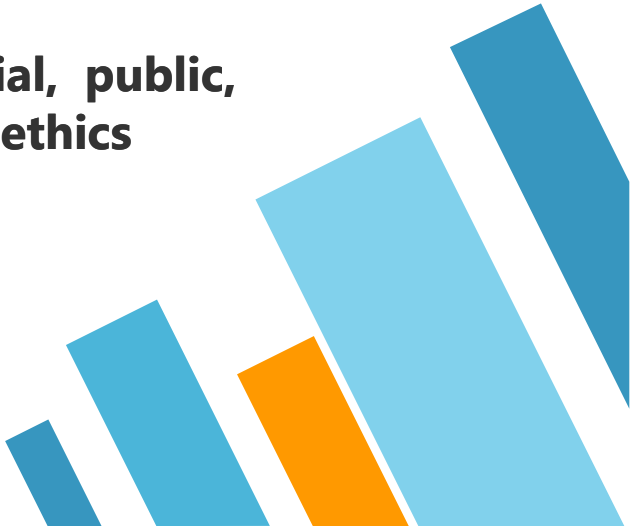
(5) Investigation, including assessment, research, analysis, testing, data sampling and statistical information for professional investigation, judgement, or verification.

(6) Operation and Maintenance, including operating and maintaining an engineering work/system in accordance with engineering design and specifications.






COMPETENCY STANDARD

- » **Advanced knowledge of professional engineering practice/**
 - » **Professional technical management**
 - » **Analyse and solve problems**
 - » **Professional communicate with others**
 - » **Recognize the professional practice to social, public, environmental effects and professional of ethics**
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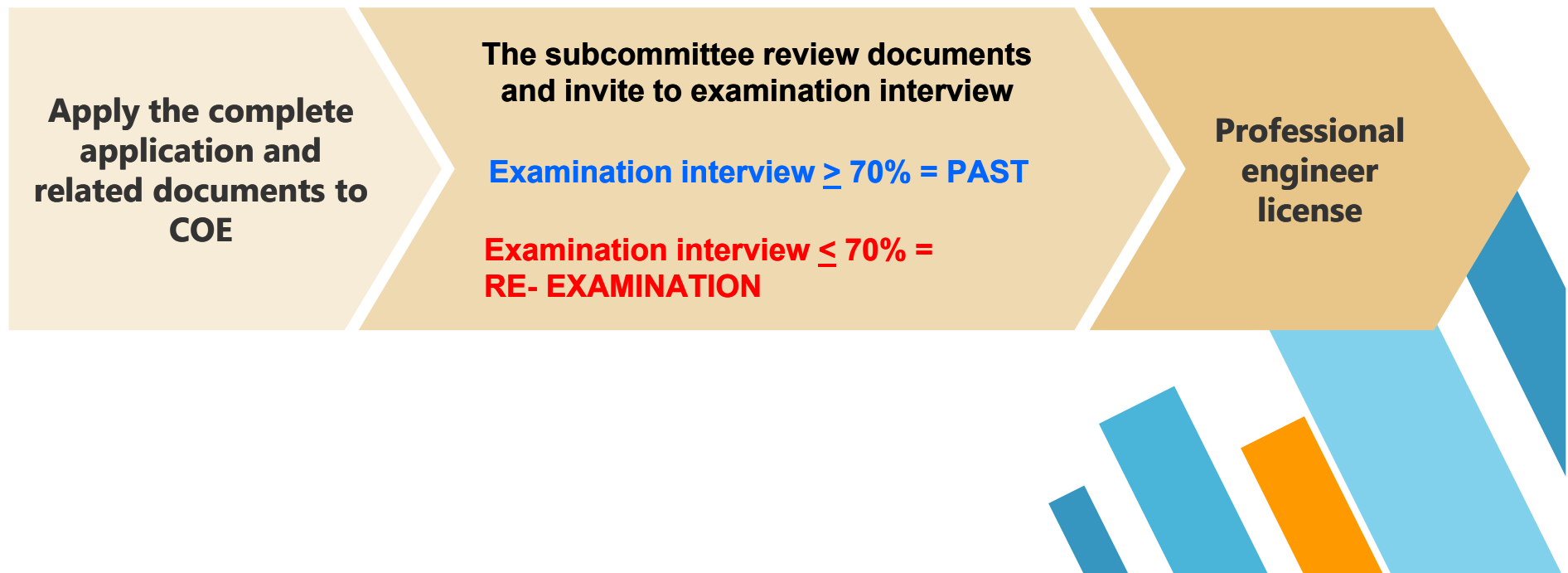
APPLY FOR PROFESSIONAL ENGINEER

QUALIFICATIONS & REQUIREMENTS

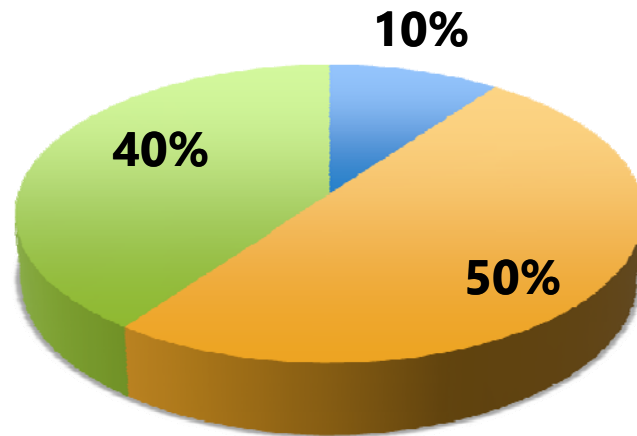
- (1) COE Member**
 - (2) Professional experiences requirement: the associated engineer who has hold the engineer license at least three years.**
 - (3) The summary of the regulated engineering professional practices.**
 - (4) The summary of the engineering work experiences .**
 - (5) A copy of engineering license from Professional engineer who are certify your engineering work experiences**
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THE PROCESS TO APPLY FOR THE PROFESSIONAL ENGINEER



EXAMINATION CRITERIA




- LEADERSHIP
- PROFESSIONAL PRACTICES
- ENGINEERING KNOWLEDGE





RE-EXAMINATION CRITERIA

NO.	CRITERIA POINT	RE-EXAMINATION
1	> 60	PROFESSIONAL ENGINEER TRAINING
2	50 – 60	PROFESSIONAL PRACTICES REPORT
3	< 50	WRITING EXAMINATION



THANK YOU

