

Success Factors on Mobility

25 July 2024

professional engineers board singapore



by
Er Lim Peng Hong
President
Professional Engineers Board

Professional Engineers Board

PEB was formed in 1971 - a statutory board under the Ministry for National Development, Singapore

Mission

To safeguard life, property, and welfare of the public by setting and maintaining high standards for registering professional engineers, and by regulating and advancing the practice of professional engineering

Professional Engineers Board

Main functions

- registration of professional engineers
- regulate the qualifications and conduct of professional engineers
- regulate corporations, partnerships and limited liability partnerships which supply professional engineering services in Singapore

Professional Engineers Act

- Establish the PE Board
- Provide for registration of PEs
- Set out privileges of PEs
- Regulate conduct of PEs
- Regulate corporations which supply professional engineering services in Singapore

Professional Engineering Work



Professional Engineering Work



Registration of Professional Engineers

PEs are Competent or Qualified Persons specified by :

- Building And Construction Authority
- Public Utilities Board
- Land Transport Authority
- Energy Market Authority
- National Environment Agency
- Ministry of Manpower
- Fire Safety & Shelter Department



Water for All: Conserve, Value, Enjoy



We Keep Your World *Moving*



Professional Engineers Board

Table 1: Number of Newly-Registered Professional Engineers by FY2023

Branch of Engineering	No. of Professional Engineers Registered				
	2019	2020	2021	2022	2023
Civil	60	40	36	25	38
Electrical	26	11	32	31	33
Mechanical	16	19	15	11	31
Chemical	1	1	0	1	1
TOTAL	103	71	83	68	103

Professional Engineers Board

Table 2: Number of Registered Professional Engineers as at 31 March 2024

Branch of Engineering	Total No. of Registered Professional Engineers		No. of Practitioners (Professional Engineers in Each Branch with Practicing Certificates)	
	Number	Percent (%)	Number	Percent (%)
Civil & Structural	2183	48.5%	1357	52.8%
Electrical	1052	23.4%	638	24.8%
Mechanical	1019	22.7%	525	20.4%
Chemical	163	3.6%	49	1.9%
Others ¹	79	1.8%	1	0.1%
TOTAL	4496	100%	2570	100%

¹ Others include Aeronautical, Electronic, Industrial, Information Technology, Manufacturing, Marine, Naval Architecture and Production.

Scope of PE Registration

PEB registers PEs from the 4 prescribed Branches

- Civil
- Electrical
- Mechanical
- Chemical

Registration Criteria

Applicants are required to:

- a) Obtain approved qualifications
- b) Sit and pass prescribed examinations
- c) Obtain 4 years practical experience
- d) Attend the professional interview

Professional Engineers Registration Examination

Fundamentals of Engineering Examination (FEE)

- (a) obtained approved degree or qualification
- (b) all Washington Accord degrees in the prescribed Branches are recognised

Practice of Professional Engineering Examination (PPE)

- (a) Passed FEE
- (b) Obtained 2.5 years of practical experience

Professional Engineering Examination

Examinations will
be held in a
Singapore venue



Fundamentals of Engineering Examination

Subjects	Time Allocated	Format
<u>FEE Part 1</u> Core engineering subjects in civil/mechanical/electrical engineering	*3 hours & 10 mins	<ul style="list-style-type: none">• 40 Multiple Choice Questions (MCQ)
<u>FEE Part 2</u> Core/Elective subjects in civil/electrical/mechanical engineering	*3 hours & 10 minutes	<ul style="list-style-type: none">• Answer 5 out of 9 questions (civil)• Answer 5 out of 7 questions (electrical, mechanical)

Practice of Professional Engineering Examination

Subjects	Time Allocated	Format
<u>PPE Part 1</u> Common paper	2 hrs 10 mins	<ul style="list-style-type: none">• Answer 10 compulsory Multiple Choice Questions• Answer 3 out of 5 essay questions
<u>PPE Part 2</u> Civil/mechanical/electrical engineering	4 hrs 10 mins	<ul style="list-style-type: none">• Answer 1 compulsory question plus 4 out of 7 questions

Professional Engineers Registration Examination

professional engineers board
singapore

Search

Home About Us Act & Rules Downloads News & Announcements Useful Links

PROFESSIONAL
ENGINEERS

APPLICATION FOR
PE REGISTRATION

PE REGISTRATION
EXAMINATIONS

LICENSED
CORPORATIONS

COURSE
ORGANIZERS

FINDING A PE

Advancing, Developing and Regulating
PROFESSIONAL ENGINEERING

PE Registration Examinations

- ▶ Fundamentals of Engineering Examination
- ▶ Practice of Professional Engineering Examination
- ▶ PEB-RG Login

The Professional Engineers Board registers professional engineers in the branches of civil, electrical and mechanical engineering. Applying for registration as a professional engineer to the Professional Engineers Board is required to hold an approved degree listed in the Professional Engineers [Professional Engineers \(Approved Qualifications\) Notification 2009](#) and acquired not less than 2 years of relevant practical experience. He is also required to sit and pass examinations prescribed by the Board. The applicant is required to pass the [Fundamentals of Engineering Examination](#) and following that, to sit and pass the [Practice of Professional Engineering Examination](#). In addition, the applicant is required to attend an interview.

▶ [Common queries on qualification](#)

▶ [Common queries on examination](#)

professional engineers board **singapore**

Professional Interview

Summary of Post-Graduate Professional Experience

Report on Post Graduate Engineering Experience

Professional Interview – 45 to 60 mins

Country	Female	Male	Grand Total
Cambodia	0	1	1
Philippines	1	1	2
Indonesia	4	31	35
Malaysia	63	665	728
Myanmar	4	6	10
Singapore	268	3173	3441
Thailand	0	5	5
Vietnam	0	9	9
Grand Total	340	3891	4231

Day of Dedication 2021

professional engineers board singapore
Day of Dedication 2021



Day of Dedication 2022



Er. Foo Siang Jeok – Registrar
Er. Chin Jen Chyi – past Registrar
Er. Ho Siong Hin – past President
Er. Chua Koon Hoe – past President
Er. Lau Joo Ming – past President
Er. Lim Peng Hong – President
Er. Liew Mun Leong – past Registrar
Er. Raymond Tay – past Registrar

Day of Dedication 2023



New ACPEs were presented with certificates of registration from Minister and President PEB



Newly registered Professional Engineers for 2023

Thank You