

# Qualifications and Practical Experience Required for Approved Persons & Technical Controllers

*Under Second Schedule of Building Control (Licensing Of Builders)  
Regulations 2008*

## Part I: Approved Persons

<i><b>Class of Licence</b></i>	<i><b>Qualification</b></i>	<i><b>Practical Experience</b></i>
<b>Class 1 general builder's licence</b>	A course leading to a <b>Bachelor's degree</b> or post-graduate degree in any field.	At least <b>3 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
	A course leading to a <b>diploma</b> in a construction-related field.	At least <b>5 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
	A <b>course</b> conducted by the Building and Construction Authority known as "Essential Knowledge in Construction Regulations and Management for Licensed Builders".	At least <b>10 years</b> (in aggregate) of practical experience in the execution of construction projects in Singapore.
<b>Class 2 general builder's licence</b>	A course leading to a <b>diploma</b> in a construction-related field, or a Bachelor's degree or post-graduate degree in any field.	At least <b>3 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
	A <b>course</b> conducted by the Building and Construction Authority known as "Essential Knowledge in Construction Regulations and Management for Licensed Builders".	At least <b>8 years</b> (in aggregate) of practical experience in the execution of construction projects in Singapore.

**Part I: Approved Persons (continued)**

<b><i>Class of Licence</i></b>	<b><i>Qualification</i></b>	<b><i>Practical Experience</i></b>
<b>Specialist builder's licence for a class of specialist building works</b>	A course leading to a <b><i>diploma</i></b> in a construction-related field, or a Bachelor's degree or post-graduate degree in any field.	At least <b>3 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
	A <b><i>course</i></b> conducted by the Building and Construction Authority known as "Essential Knowledge in Construction Regulations and Management for Licensed Builders".	At least <b>8 years</b> (in aggregate) of practical experience in the execution of construction projects in Singapore.

## Part II: Technical Controllers

“construction-related field” means the field of architecture, civil or structural engineering, mechanical or electrical engineering, construction or project management, quantity surveying or building science, facilities or estate management;

“recognised institution” means —

- (a) the National University of Singapore;
- (b) the Nanyang Technological University; or
- (c) any other university that is specified by the Commissioner in the Authority’s Internet website <http://www.bca.gov.sg>. (see Part III on next page )

<b>Class of Licence</b>	<b>Qualification</b>	<b>Practical Experience</b>
<b>Class 1 general builder’s licence</b>	A course leading to a <b>Bachelor’s degree</b> or post-graduate degree in a construction-related field.	At least <b>5 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
<b>Class 2 general builder’s licence</b>	A course leading to a <b>diploma</b> in a construction-related field, or a Bachelor’s degree or post-graduate degree in a construction-related field.	At least <b>5 years</b> (in aggregate) of practical experience in the execution of construction projects (whether in Singapore or elsewhere) after attaining the qualifications on the left.
<b>Specialist builder’s licence for a class of specialist building works</b>	A course leading to a Bachelor’s degree or post-graduate degree in the field of <b>civil or structural engineering</b> from a <b>recognised institution</b> .	At least <b>5 years</b> (in aggregate) of practical experience in the execution of specialist building works of that class (whether in Singapore or elsewhere) after attaining the qualifications on the left.

### Part III: List of recognised institutions for TC of Specialist Builders

Any person to be appointed as Technical Controller should possess a civil or structural engineering degree or postgraduate master's degree from one of the following recognised institutions.

**a) Any institution recognised by the Professional Engineers Board** for registration as a professional engineer under the Professional Engineers Act in the civil or structural engineering discipline.

For detailed listing of recognised institutions under PE Board, please visit the following URL:

<http://www.peb.gov.sg/peb/html/pen.html>

**b) Any institution accepted for application as a Resident Engineer.**

For detailed listing of recognised institutions acceptable for application as a Resident Engineer, please refer to the list below or visit the following URL:

[http://www.bca.gov.sg/StructuralPlan/others/List\\_of\\_universities\\_for\\_RE.pdf](http://www.bca.gov.sg/StructuralPlan/others/List_of_universities_for_RE.pdf)

#### (i) China

1. Beijing Jiaotong University (Northern Jiaotong University)	北京交通大学 (北方交通大学)
2. Central South University	中南大学
3. Chang'an University	长安大学
4. China University of Mining & Technology	中国矿业大学
5. Chongqing University	重庆大学
6. Dalian University of Technology	大连理工大学
7. Fuzhou University	福州大学
8. Harbin Institute of Technology	哈尔滨工业大学
9. Hohai University	河海大学
10. Huazhong University of Science and Technology	华中科技大学

11. Hunan University	湖南大学
12. Shanghai Jiao Tong University	上海交通大学
13. South China University of Technology	华南理工大学
14. Southeast University	东南大学
15. Southwest Jiaotong University	西南交通大学
16. Tianjin University	天津大学
17. Tongji University	同济大学
18. Tsinghua University	清华大学
19. Zhejiang University	浙江大学
20. Wuhan University	武汉大学

(ii) India

1. Birla Institute of Technology & Science, Pilani
2. College of Engineering, Anna University, Guindy
3. Delhi College of Engineering, New Delhi
4. Indian Institute of Technology Bombay
5. Indian Institute of Technology Delhi
6. Indian Institute of Technology Guwahati
7. Indian Institute of Technology Kanpur
8. Indian Institute of Technology Kharagpur
9. Indian Institute of Technology Madras
10. Indian Institute of Technology Roorkee
11. Institute of Technology, Banaras Hindu University, Varanasi
12. Jadavpur University, Kolkata
13. Motilal Nehru National Institute of Technology, Allahabad
14. National Institute of Technology, Kurukshetra
15. National Institute of Technology, Rourkela

16. National Institute of Technology Karnataka, Surathkal
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17. National Institute of Technology, Tiruchirappalli
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18. National Institute of Technology, Warangal
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19. Punjab Engineering College, Chandigarh
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20. Thapar University, Patiala (formerly known as Thapar Institute of Engineering and Technology)
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(iii) Malaysia

1. Universiti Kebangsaan Malaysia (UKM)
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2. Universiti Malaya (UM)
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3. Universiti Putra Malaysia (UPM)
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4. Universiti Sains Malaysia (USM) Nibong Tebal P. Pinang
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5. Universiti Teknologi Malaysia (UTM)
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(iv) Hong Kong

1. City University of Hong Kong
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2. The Chinese University of Hong Kong
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3. The Hong Kong Polytechnic University
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4. The Hong Kong University of Science and Technology
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5. The University of Hong Kong
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