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No. S 642

**BUILDING AND CONSTRUCTION AUTHORITY ACT
(CHAPTER 30A)**

**BUILDING AND CONSTRUCTION AUTHORITY
(REGISTRATION OF CONSTRUCTION PERSONNEL)
REGULATIONS 2008**

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In exercise of the powers conferred by section 35 of the Building and Construction Authority Act, the Building and Construction Authority, with the approval of the Minister for National Development, hereby makes the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Building and Construction Authority (Registration of Construction Personnel) Regulations 2008 and shall come into operation on 18th December 2008.

Definitions

2.—(1) In these Regulations, unless the context otherwise requires —

“air-conditioning ducting installation” means the installation of air-conditioning ducting or any associated fittings, including thermal insulation, for the purposes of the cooling and mechanical ventilation of a building;

[S 190/2011 wef 15/04/2011]

“appropriate form”, in relation to any purpose for which a specific form is required to be used, means the relevant form that —

(a) is provided by the Authority and obtainable from the Building and Construction Authority Academy at 200, Braddell Road, Singapore 579700 during such hours as that office is open for business; or

(b) is set out on the Authority’s Internet website <http://www.bca.gov.sg/coretrade>, and any reference in these Regulations to a numbered form shall be construed as a reference to the current version of the form bearing the corresponding number which is displayed at that website;

“authorised officer”, in relation to any provision in these Regulations, means an employee of the Authority who is authorised in that behalf by the Authority for the purposes of that provision;

“Building and Construction Authority Academy” means the educational and research institution established by the Authority known as the Building and Construction Authority Academy of the Built Environment;

“certificate of registration” means any certificate of registration issued thereto under regulation 8(5) to any construction personnel;

“cladding and curtain wall installation” means the installation of any external cladding or curtain wall, or any associated fittings, as the exterior covering or exterior wall of a building;

[S 190/2011 wef 15/04/2011]

“construction foreman” and “construction tradesman” have the same meanings, respectively, as in Part V of the Building Control (Licensing of Builders) Regulations 2008 (G.N. No. S 641/2008);

“construction personnel” means a natural person who is —

- (a) a construction foreman of any class; or
- (b) a construction tradesman of any class;

“construction plant operation works” means operating any of the following plant or machinery:

- (a) a saddle jib tower crane;
- (b) a luffing jib tower crane;
- (c) a mobile crane (truck mounted);
- (d) a crawler crane;
- (e) a hydraulic excavator;
- (f) a telescopic handler;
- (g) a bulldozer;
- (h) a track shovel;
- (i) an excavator loader;
- (j) a piling rig;
- (k) an underground pipe jacking machine;
- (l) a tunnel boring machine;
- (m) an asphalt concrete paver;
- (n) a crawler drill;

[S 190/2011 wef 15/04/2011]

“doors and windows installation” means the installation of any door, window panel or frame, or any associated fittings, for building works;

[S 190/2011 wef 15/04/2011]

“drywall installation” means the on-site fabrication, installation or erection of any drywall panel or any associated fittings in the interior of a building;

[S 190/2011 wef 15/04/2011]

“electrical works” means installing any wiring, cable, conduit, trunking, isolators, switch socket outlets, power switches or any other fittings for transmission of electricity for lighting, heating, cooling or other similar purposes in a building;

“fire protection works” has the same meaning as in the Fire Safety Act (Cap. 109A);

[S 190/2011 wef 15/04/2011]

“gas pipefitting works” means the installation of any gas service pipe, pipe fitting, conveyance, valve, regulator or any associated device used or to be used for the control and use of gas in a building;

[S 190/2011 wef 15/04/2011]

“glazing works” means the installation of glass or any associated fittings in a building;

[S 190/2011 wef 15/04/2011]

“joinery works” means the on-site fabrication of fitments, fittings or any related carpentry works for the installation of timber furniture to the interior wall, floor or any other part of a building;

[S 190/2011 wef 15/04/2011]

“lift” has the same meaning as in the Building Maintenance and Strata Management (Lift and Building Maintenance) Regulations 2005 (G.N. No. S 194/2005);

[S 190/2011 wef 15/04/2011]

“lift installation” means installation of any lift;

[S 190/2011 wef 15/04/2011]

“plumbing and piping works” means installing any liquid, water or sanitary piping, or any associated fittings, including thermal insulation, for the conveyance of liquid, potable water distribution, or soil or waste water disposal in a building;

[S 190/2011 wef 15/04/2011]

“registered” means registered under these Regulations;

“reinforced concrete works” means the on-site fabrication, installation or erection of formwork and steel reinforcement for reinforced concrete work, and installation of pre-cast concrete components;

[S 190/2011 wef 15/04/2011]

“skills assessment” means an assessment conducted by or on behalf of the Authority of the skills in the class of work a construction tradesman or a construction foreman is or is to be registered in;

“structural steel works” means the on-site fabrication, fitting, welding and erection of steel members or components to form an integral part of any structural system of a building;

[S 190/2011 wef 15/04/2011]

“suspended ceiling installation” means the installation of any false ceiling, ceiling board, panel, tile or frame, or any associated fittings, that is hung from the soffit of structural elements of a building;

[S 190/2011 wef 15/04/2011]

“test” means a test conducted by or on behalf of the Authority of the theoretical knowledge of a construction foreman and his communication skills;

“tiling, stone laying and floor finishing works” means the laying of tiles, marble or stone finishes to any interior or exterior wall or any floor of a building, or timber finishes to any interior or exterior floor of a building;

[S 190/2011 wef 15/04/2011]

“waterproofing works” means applying or laying of material to waterproof any basement, foundation, roof, wet area or wall in the interior or on the exterior of a building.

(2) All forms used for the purposes of these Regulations shall be completed in the English language and in accordance with such directions as may be specified in the form or by the Authority.

Classes of registration of construction personnel

3. All construction personnel shall be registered according to the following classes:

- (a) a construction foreman;
- (b) a construction tradesman.

Classes of construction tradesman

4. A construction tradesman may be registered according to one or more of the classes of work specified in Part I of the Schedule that he carries out, or undertakes to carry out, for or on behalf of another person, for a fixed sum, percentage, or valuable consideration, wages or other reward.

[S 190/2011 wef 15/04/2011]

Classes of construction foreman

5. A construction foreman may be registered according to one or more of the classes of work specified in Part II of the Schedule, comprising supervision and co-ordination of construction tradesmen or other workmen undertaking the same class of work for or on behalf of another person, for a fixed sum, percentage, or valuable consideration, wages or other reward.

[S 190/2011 wef 15/04/2011]

Eligibility for registration

6.—(1) A person shall be eligible to be registered, or to renew his registration, as a construction tradesman if he has successfully undergone such skills assessment as the Authority may conduct for this purpose, and —

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- (a) possesses the qualifications specified in Part I of the Schedule opposite the class he is applying to register or renew registration in, or such other qualifications that, in the opinion of the Authority, are equivalent to those qualifications so specified, and has the practical experience that, in the opinion of the Authority, complements those qualifications; or
 - (b) although not having complied with the requirements of sub-paragraph (a), satisfies the Authority that he nevertheless has had such practical experience as to render him, in the opinion of the Authority, competent to be registered as a construction tradesman.

(2) A person shall be eligible to be registered, or to renew his registration, as a construction foreman if he has successfully undergone such test and skills assessment as the Authority may conduct for this purpose, and —

- (a) he —
 - (i) possesses the Trade Diplomas specified in Part II of the Schedule opposite the class he is applying to register or renew registration in; or
 - (ii) possesses any of the other qualifications specified in Part II of the Schedule opposite the class he is applying to register or renew registration in, and he has successfully completed such bridging course as may be conducted by or on behalf of, or as may be approved by, the Authority,
and has the practical experience that, in the opinion of the Authority, complements those qualifications; or
- (b) he satisfies the Authority that he —
 - (i) possesses such other qualifications that, in the opinion of the Authority, are equivalent to those specified in Part II of the Schedule opposite the class he is applying to register or renew registration in, and has had such practical experience as, in the opinion of the Authority, complements those qualifications; or

(ii) has had such practical experience as to render him, in the opinion of the Authority, competent to be registered as a construction foreman,

and he has successfully completed the bridging course referred to in sub-paragraph (a).

(3) In deciding whether to register a person under these Regulations, the Authority may make inquiries and investigations that are reasonable and appropriate in the circumstances so as to be satisfied as to —

(a) the good character of the applicant; or

(b) whether the public interest will be served by the registration of the applicant,

including seeking confirmation about the experience of the applicant through further skills assessment and referee checks.

(4) Where a person is registered as a construction foreman in any of the classes specified in Part II of the Schedule other than waterproofing works, he shall also be registered as a construction tradesman in the same class of work.

[S 190/2011 wef 15/04/2011]

Validity of registration

7. Every registration of a construction tradesman or construction foreman under these Regulations shall be valid for 24 months, and upon its expiry, the registration may be renewed for the same period.

Application for registration

8.—(1) Every application to register under these Regulations shall be made by the construction personnel concerned to the Authority in the appropriate form and be accompanied by the applicable fee specified in regulation 11.

(2) Every applicant for registration shall, if so required in writing by an authorised officer —

(a) attend personally before the authorised officer; and

(b) provide clarification to the authorised officer as to such additional information and document as may be required.

(3) Where an applicant for registration fails, without reasonable excuse, to comply with any requirement of the authorised officer under paragraph (2), the Authority may reject the application.

(4) Subject to regulation 6, upon receiving an application to register under these Regulations under paragraph (1), the Authority shall consider the application and may —

(a) register the applicant as a construction tradesman or construction foreman in one or more classes referred to in regulation 4 or 5, subject to such conditions as the Authority thinks fit; or

[S 190/2011 wef 15/04/2011]

(b) refuse the registration.

(5) Where the Authority has registered a person, or renewed the person's registration, as a construction personnel, it shall issue to that person a certificate of such registration, specifying the class of the person's registration, if any.

Application to renew registration

9.—(1) An application to renew the registration of any construction personnel shall be submitted by the construction personnel concerned to an authorised officer in the appropriate form and not later than one month before the date of expiry of the registration, accompanied by the applicable fee specified in regulation 11.

(2) Subject to paragraph (3), the registration of any construction personnel may be renewed for another 24 months on receipt of an application under paragraph (1).

(3) The Authority may refuse to renew the registration of any construction personnel the application for which is not made more than 14 days before the date of expiry of the registration.

(4) Every applicant for any renewal of registration may be required in writing by an authorised officer —

(a) to attend personally before the authorised officer; and

(b) to provide clarification to the authorised officer as to such additional information and document as may be required.

(5) Where an applicant for any renewal of registration fails, without reasonable excuse, to comply with any requirement of the authorised officer under paragraph (4), the Authority may reject the application.

Cancellation of registration

10.—(1) Subject to paragraph (2), the Authority may by order cancel any registration of a construction tradesman or construction foreman if —

- (a) there is reasonable cause to believe that the registration of the construction tradesman or construction foreman or the renewal thereof has been obtained by means of any false statement or any statement that is false in a material particular;
- (b) the construction tradesman or construction foreman has knowingly allowed details of his registration to be included in the manpower programme for more than one significant general building work project carried out at the same time;
- (c) the Authority becomes aware of a circumstance that would have required or permitted the Authority to refuse registration to the person had the Authority been aware of the circumstance immediately before the registration;
- (d) the construction tradesman or construction foreman is convicted of any offence under regulation 12; or
- (e) the public interest or national security of Singapore so requires.

(2) The Authority shall not exercise its powers under paragraph (1) unless an opportunity of being heard has been given to the construction personnel against whom the Authority intends to exercise its powers.

(3) Where the Authority cancels the registration of any construction personnel under this regulation —

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- (a) it shall cancel any certificate of registration issued to that construction personnel; and
 - (b) the construction personnel concerned shall be debarred from applying to register himself again as any construction personnel for a period of 12 months after the effective date of that cancellation.

(4) The person whose registration as a construction tradesman or construction foreman is cancelled under this regulation shall, within 14 days after being notified of the cancellation of registration, surrender to an authorised officer his certificate of registration, failing which the person shall be guilty of an offence.

(5) The Authority shall cancel the registration of every deceased construction personnel.

(6) If the Authority has cancelled the registration of a person as a construction foreman in any class under paragraph (1), the registration of that same person as a construction tradesman in that same class shall be deemed to be also cancelled.

(7) In this regulation, “manpower programme” and “significant general building work project” have the same respective meanings as in section 29H of the Building Control Act (Cap. 29).

Fees

11.—(1) The fee to register as construction personnel in each class or to renew such registration shall be \$20.

(2) The fee in paragraph (1) shall be non-refundable and shall be payable in advance upon the making of the application to register or to renew, as the case may be.

(3) The Authority may waive, in whole or in part, the payment of any such fee where, in the opinion of the Authority, the waiver is justified by exceptional circumstances or by circumstances beyond the control of the person applying to register or renew registration.

False certificates of registration and false applications, etc.

12.—(1) If any construction personnel —

- (a) makes a false certificate of registration;
- (b) knowingly makes use of any certificate of registration that is false;
- (c) personates any other person named in any certificate of registration; or
- (d) furnishes any document or information or makes any statement in, or in connection with, an application for registration as any construction personnel or for renewal of such registration (whether for that person or for another), knowing that the document, information or statement is false or misleading in a material particular,

he shall be guilty of an offence and shall be liable on conviction to a fine not exceeding \$2,000.

(2) A reference in this regulation to a false certificate of registration shall be a reference —

- (a) to a document that is not a certificate of registration but purports to be one; or
- (b) to a document that is a certificate of registration that has been altered by a person who is not authorised to alter that document, or that purports to have been altered on a date on which, or at a place at which, or otherwise in circumstances in which, it was not in fact made or altered.

(3) A person shall be treated for the purposes of this regulation as making a false certificate of registration if he alters a document so as to make it false in any respect (whether or not it was already a false document before the alteration or is false in some other respect apart from that alteration).

Operation of other written laws

13. Nothing in these Regulations shall affect the operation of any other written law relating to the licensing or regulation of any construction personnel, and the requirements of these Regulations

shall be in addition to and not in substitution or derogation of the provisions of those other written laws.

THE SCHEDULE

Regulations 4, 5 and 6

REGISTRATION CLASSES AND QUALIFICATIONS FOR CONSTRUCTION TRADESMEN AND CONSTRUCTION FOREMEN

PART I

CONSTRUCTION TRADESMEN

<i>Registration class</i>	<i>Qualifications</i>
1.—(1) Air-conditioning ducting installation	SEC(K), SEC or BBC in Ducting Installation for Air-Conditioning and Ventilation
(2) Cladding and curtain wall installation	SEC(K), SEC or BBC in Cladding Installation SEC(K), SEC or BBC in Curtain Wall Installation
(3) Construction plant operation works:	
(a) saddle jib tower crane	SEC(K), SEC, CSC or BBC in Tower Crane (Saddle Jib) Operations
(b) luffing jib tower crane	SEC(K), SEC, CSC or BBC in Tower Crane (Luffing Jib) Operations
(c) mobile crane (truck mounted)	SEC(K), SEC, CSC or BBC in Mobile Crane Operations
(d) crawler crane	SEC(K), SEC, CSC or BBC in Crawler Crane Operations
(e) hydraulic excavator	SEC(K), SEC, CSC or BBC in Hydraulic Excavator Operations

THE SCHEDULE — *continued*

<i>Registration class</i>	<i>Qualifications</i>
(f) telescopic handler	SEC(K), SEC, CSC or BBC in Telescopic Handler Operations
(g) bulldozer	SEC(K), SEC or BBC in Bulldozer Operations
(h) track shovel	SEC(K), SEC or BBC in Track Shovel Operations
(i) excavator loader	SEC(K), SEC or BBC in Excavator Loader Operations
(j) piling rigs	SEC(K), SEC or BBC in Bored Piling Operations SEC(K), SEC or BBC in Driven Piling Operations SEC(K), SEC or BBC in Jack-In Piling Operations SEC(K), SEC or BBC in Bored Micro-Piling Operation SEC(K) or BBC in Jet Grout Piling Operation
(k) underground pipe jacking machine	SEC(K), SEC or BBC Underground Pipe-Jacking
(l) tunnel boring machine	SEC(K) or BBC in Tunnel Boring Machine (Earth Pressure Method) SEC(K) or BBC in Tunnel Boring Machine (Slurry Method)
(m) asphalt concrete paver	SEC(K), SEC or BBC in Asphalt Concrete Paving
(n) crawler drill	SEC(K) or BBC in Crawler Drill Operation

 THE SCHEDULE — *continued*

<i>Registration class</i>	<i>Qualifications</i>
(4) Doors and windows installation	SEC(K), SEC or BBC in Doors and Windows Installation (Timber) SEC(K), SEC or BBC in Doors and Windows Installation (Aluminium)
(5) Drywall installation	SEC(K), SEC or BBC in Interior Drywall Installation
(6) Electrical works	SEC(K), SEC or BBC in Electrical Wiring Installation
(7) Fire protection works	SEC(K), SEC or BBC in Fire Sprinkler Installation
(8) Gas pipefitting works	SEC(K), SEC or BBC in Gas Pipefitting
(9) Glazing works	SEC(K), SEC or BBC in Glazing
(10) Joinery works	SEC(K), SEC or BBC in Joinery
(11) Lift installation	SEC(K), SEC or BBC in Lift Installation
(12) Plumbing and piping works	Builder Certificate in Plumbing and Pipefitting Advanced Builder Certificate in Plumbing and Pipefitting SEC(K), SEC or BBC in Plumbing and Pipefitting SEC(K), SEC or BBC in Pipefitting SEC(K), SEC or BBC in Thermal Insulation (Pipework)

 THE SCHEDULE — *continued*

<i>Registration class</i>	<i>Qualifications</i>
(13) Reinforced concrete works	SEC(K), SEC or BBC in Precast Concrete Component Erection SEC(K) or BBC in System Formwork Installation SEC(K) or BBC in Precast Kerb and Drain Laying SEC(K) or BBC in Aluminium Formwork
(14) Structural steel works	SEC(K), SEC or BBC in Structural Steel Fitting SEC(K), SEC or BBC in Welding SEC(K), SEC or BBC in Pipefitting
(15) Suspended ceiling installation	SEC(K), SEC or BBC in Suspended Ceiling Installation (Acoustical) SEC(K), SEC or BBC in Suspended Ceiling Installation (Fibrous Plaster)
(16) Tiling, stone laying and floor finishing works	SEC(K), SEC or BBC in Tiling SEC(K) or BBC in Timber Flooring.

2. In this Part —

“BBC” means the Basic Builder Certificate issued by the Authority;

“CSC” means the Certificate of Successful Completion issued by the Building and Construction Authority Academy;

“SEC” means the Skills Evaluation Certificate (Practical) issued by the Authority;

THE SCHEDULE — *continued*

“SEC(K)” means the Skills Evaluation Certificate (written and practical) issued by the Authority.

PART II

CONSTRUCTION FOREMEN

<i>Registration class</i>	<i>Qualifications</i>
1.—(1) Air-conditioning ducting installation	Trade Diploma in Air-conditioning Ducting and Mechanical Ventilation SEC(K), SEC or BBC in Ducting Installation for Air-conditioning and Ventilation
(2) Cladding and curtain wall installation	Trade Diploma in Cladding and Curtain Wall Technology SEC(K), SEC or BBC in Cladding Installation SEC(K), SEC or BBC in Curtain Wall Installation
(3) Doors and windows installation	Trade Diploma in Doors and Windows SEC(K), SEC or BBC in Doors and Windows Installation (Timber) SEC(K), SEC or BBC in Doors and Windows Installation (Aluminium)
(4) Drywall installation	Trade Diploma in Drywall Systems SEC(K), SEC or BBC in Interior Drywall Installation
(5) Electrical works	Trade Diploma in Electrical Technology SEC(K), SEC or BBC in Electrical Wiring Installation
(6) Fire protection works	Trade Diploma in Fire Protection Works SEC(K), SEC or BBC in Fire Sprinkler Installation

THE SCHEDULE — *continued*

<i>Registration class</i>	<i>Qualifications</i>
(7) Gas pipefitting works	Trade Diploma in Gas Pipefitting Technology SEC(K), SEC or BBC in Gas Pipefitting
(8) Glazing works	Trade Diploma in Glazing SEC(K), SEC or BBC in Glazing
(9) Joinery works	Trade Diploma in Joinery SEC(K), SEC or BBC in Joinery
(10) Lift installation	Trade Diploma in Lift Technology SEC(K), SEC or BBC in Lift Installation
(11) Plumbing and piping works	Trade Diploma in Plumbing Technology Builder Certificate in Plumbing and Pipefitting Advanced Builder Certificate in Plumbing and Pipefitting SEC(K), SEC or BBC in Plumbing and Pipefitting SEC(K), SEC or BBC in Pipefitting SEC(K), SEC or BBC in Thermal Insulation (Pipework)
(12) Reinforced concrete works	Trade Diploma in RC Construction SEC(K), SEC or BBC in Timber Formwork SEC(K), SEC or BBC in Metal Formwork SEC(K), SEC or BBC in Steel Reinforcement Work SEC(K), SEC or BBC in Precast Concrete Component Erection

 THE SCHEDULE — *continued*

<i>Registration class</i>	<i>Qualifications</i>
	SEC(K) or BBC in System Formwork Installation
	SEC(K) or BBC in Precast Kerb and Drain Laying
	SEC(K) or BBC in Aluminium Formwork
(13) Structural steel works	Trade Diploma in Structural Steel Works
	SEC(K), SEC or BBC in Structural Steel Fitting
	SEC(K), SEC or BBC in Welding
	SEC(K), SEC or BBC in Pipefitting
(14) Suspended ceiling installation	Trade Diploma in Suspended Ceilings
	SEC(K), SEC or BBC in Suspended Ceiling Installation (Acoustical)
	SEC(K), SEC or BBC in Suspended Ceiling Installation (Fibrous Plaster)
(15) Tiling, stone laying and floor finishing works	Trade Diploma in Tiling, Stone Laying and Floor Finishings
	SEC(K), SEC or BBC in Tiling
	SEC(K) or BBC in Timber Flooring
(16) Waterproofing works	Trade Diploma in Waterproofing
	SEC(K), SEC or BBC in Waterproofing.

2. In this Part —

“BBC” means the Basic Builder Certificate issued by the Authority;

“SEC” means the Skills Evaluation Certificate (Practical) issued by the Authority;

“SEC(K)” means the Skills Evaluation Certificate (written and practical) issued by the Authority;

THE SCHEDULE — *continued*

“Trade Diploma” refers to a trade diploma issued by the Building and Construction Authority Academy.

[S 190/2011 wef 15/04/2011]

Made this 9th day of December 2008.

QUEK SEE TIAT
Chairman,
Building and Construction Authority,
Singapore.

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