

# Technical qualifications for licensing

## Queensland Building and Construction Commission licence requirements

April 2016

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| Inspect and test  | 36        |
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| Inspect and test  | 37        |
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## Purpose

The purpose of this document is to provide the technical qualifications required for licence classes under the *Queensland Building and Construction Commission Regulation 2003*.

## Background

The Queensland Building and Construction Commission (QBCC) is a statutory body which oversees Queensland's building and construction industry. The QBCC is responsible for licensing contractors and certifiers.

The Department of Housing and Public Works is responsible for developing and implementing the policy and legislation of the QBCC.

## Legislation

### *Queensland Building and Construction Commission Act 1991*

Part 3, Division 2 of the Act provides the criteria a person must meet in order to be entitled to a licence. Amongst other things, a person must have the qualifications and experience required by regulation in relation to a licence of the relevant class.

### *Queensland Building and Construction Commission Regulation 2003*

Part 3 of the regulation refers to the qualifications and experience stated in schedules 2 and 2A for the relevant class of licence. Schedules 2 and 2A of the regulation further provides that the technical qualifications for each licence class are those stated in the technical qualifications document.

Under the regulation, the 'technical qualifications document' is defined as the document called 'Technical Qualifications for Licensing' made by the chief executive and published on the department's website.

### *Statutory Instruments Act 1992*

Under section 23 of the *Statutory Instruments Act 1992*, if an Act or statutory instrument authorises or requires the making of a statutory instrument with respect to a matter, a statutory instrument made under the authorising law may make provision for the matter by applying another document as in force at a particular time or from time to time.

## Technical qualifications for Schedule 2 licences

### Part 1—Air handling duct installation licence

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) Certificate II in Engineering Production Technology MEM20205;
  - (ii) an apprenticeship in engineering fabrication (sheetmetal working);
  - (iii) Certificate III in Engineering – Fabrication Trade (Light Fabrication) MEM30305;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified Sheetmetal Worker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 2—Brick and segmental paving licence

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) an apprenticeship in bricklaying and blocklaying;
  - (ii) Certificate III in Bricklaying/Blocklaying CPC30111;
  - (iii) Certificate III in Paving CPC31611;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified bricklayer and blocklayer;
- (d) a qualification or statement of attainment of required competency for the class of licence including the following units of competency, or units of competency the commission considers are at least equivalent to the following units of competency—
  - (i) Conduct workplace communication CPCCCM1014A;
  - (ii) Work effectively and sustainably in the construction industry CPCCCM1012A;
  - (iii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (iv) Plan and organise work CPCCCM1013A;
  - (v) Read and interpret plans and specifications CPCCCM2001A;
  - (vi) Carry out measurements and calculations CPCCCM1015A;
  - (vii) Use construction tools and equipment CPCCCM2005B;
  - (viii) Use bricklaying and blocklaying tools and equipment CPCCBL2002A;
  - (ix) Use concreting tools and equipment CPCCCO2012A;
  - (x) Erect and dismantle restricted height scaffolding CPCCCM2008B;
  - (xi) Apply basic levelling procedures CPCCCM2006B;
  - (xii) Carry out concreting to simple forms CPCCCO2013A;
  - (xiii) Handle construction materials CPCCCM2004A;
  - (xiv) Handle and prepare bricklaying and blocklaying materials CPCCBL2001A;
  - (xv) Handle concreting materials CPCCCO2011A;
  - (xvi) Carry out basic demolition CPCCCM2009A;
  - (xvii) Place and fix reinforcement materials CPCCSF2004A;
  - (xviii) Erect and dismantle formwork for footings and slabs on ground CPCCCA2003A;
  - (xix) Carry out concrete work CPCCCO2014A;
  - (xx) Carry out setting out CPCCCA3002A;



- (xxi) Lay paving CPCCBL3001A.

### Part 3—Bricklaying and blocklaying licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in bricklaying and blocklaying;
  - (ii) Certificate III in Bricklaying/Blocklaying CPC30111;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified bricklayer and blocklayer;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 4—Builder—low rise licence

Any one of the following—

- (a) successful completion of Certificate IV in Building and Construction (Building) CPC40110;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a builder qualified to carry out the scope of work for the licence class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Site supervisor

Any one of the following—

- (a) the technical qualifications stated above;
- (b) successful completion of the following units of competency—
  - (i) Apply building codes and standards to the construction process for low rise building projects CPCCBC4001A;
  - (ii) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (iii) Plan building or construction work CPCCBC4007A;
  - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (vi) Apply structural principles to residential low rise constructions CPCCBC4010B;
  - (vii) Apply structural principles to commercial low rise constructions CPCCBC4011B;
  - (viii) Read and interpret plans and specifications CPCCBC4012B;
  - (ix) Apply site surveys and set-out procedures to building and construction projects CPCCBC4018A;
  - (x) Lead team effectiveness BSBLDR403;
- (c) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (b).

### Part 5—Builder—medium rise licence

Any one of the following—

- (a) successful completion of Diploma of Building and Construction (Building) CPC50210;

- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a builder qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### **Site supervisor**

Any one of the following—

- (a) the technical qualifications stated above;
- (b) successful completion of the following units of competency—
  - (i) Apply building codes and standards to the construction process for medium rise building projects CPCBC5001B;
  - (ii) Supervise and apply quality standards to the selection of building and construction materials CPCBC5004A;
  - (iii) Select and manage building and construction contractors CPCBC5005A;
  - (iv) Apply site surveys and set-out procedures to medium rise building projects CPCBC5006B;
  - (v) Apply structural principles to the construction of medium rise buildings CPCBC5018A;
  - (vi) Identify services layout and connection methods to medium rise construction projects CPCBC5009A;
  - (vii) Manage construction work CPCBC5010B;
- (c) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (b).

## **Part 6—Builder—open licence**

### **Builder open**

Any one of the following—

- (a) successful completion of Advanced Diploma of Building and Construction (Management) CPC60212;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified builder to carry out the scope of work for the licence class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### **Builder—project management services**

- (a) any one of the qualifications mentioned above; or
- (b) successful completion of a degree in architecture, construction management, engineering, or quantity surveying; or
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (b).

**Builder open site supervisor**

Any one of the following—

- (a) the technical qualifications stated for Builder Open;
- (b) successful completion of the following units of competency—
  - (i) Apply building codes and standards to the construction process for large building projects CPCBC6001B;
  - (ii) Manage processes for complying with legal obligations of a building or construction contractor CPCBC6018A;
  - (iii) Apply structural principles to the construction of large, high rise and complex buildings CPCBC6014A;
  - (iv) Assess construction faults in large building projects CPCBC6016A;
- (c) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (b).

**Part 7—Builder restricted to kitchen, bathroom and laundry installation licence**

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
  - (i) Manage occupational health and safety in the building and construction workplace CPCBC4002A;
  - (ii) Select and prepare a construction contract CPCBC4003A;
  - (iii) Identify and produce estimated costs for building and construction projects CPCBC4004A;
  - (iv) Select, procure and store construction materials for low rise projects CPCBC4006B;
  - (v) Conduct on-site supervision of building and construction projects CPCBC4008B;
  - (vi) Apply legal requirements to building and construction projects CPCBC4009B;
  - (vii) Manage small business finances BSBSMB406;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a);
- (c) a recognition certificate as a builder qualified to carry out the scope of work for the licence class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

**Site supervisor**

Any one of the following—

- (a) successful completion of the following units of competency—
  - (i) Manage occupational health and safety in the building and construction workplace CPCBC4002A;
  - (ii) Identify and produce estimated costs for building and construction projects CPCBC4004A;
  - (iii) Select, procure and store construction materials for low rise projects CPCBC4006B;
  - (iv) Conduct on-site supervision of building and construction projects CPCBC4008B;
  - (v) Apply legal requirements to building and construction projects CPCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

## Part 8—Builder restricted to shopfitting licence

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
  - (i) Apply building codes and standards to the construction process for low rise building projects CPCCBC4001A;
  - (ii) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (iii) Select and prepare a construction contract CPCCBC4003A;
  - (iv) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (v) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (vi) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (vii) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (viii) Apply structural principles to commercial low rise constructions CPCCBC4011B;
  - (ix) Manage small business finances BSBSMB406;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a);
- (c) a recognition certificate as a builder qualified to carry out the scope of work for the licence class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Site supervisor

Any one of the following—

- (a) successful completion of the following units of competency—
  - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (vi) Apply structural principles to commercial low rise constructions CPCCBC4011B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

## Part 8A—Builder restricted to special structures licence

### Builder restricted to special structures (shade sails)

- (a) either—
  - (i) successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
    - (A) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
    - (B) Select and prepare a construction contract CPCCBC4003A;
    - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004A;

- (D) Select, procure and store construction materials for low rise projects CPCCBC4006B;
- (E) Conduct on-site supervision of building and construction projects CPCCBC4008B;
- (F) Apply legal requirements to building and construction projects CPCCBC4009B;
- (G) Manage small business finances BSBSMB406; or
- (ii) successful completion of a course, or units of competency of a course, the commission considers is at least equivalent to the units of competency mentioned in paragraph (i); and
- (b) either—
  - (a) successful completion of—
    - (A) an apprenticeship in textile fabrication or carpentry; or
    - (B) Certificate III in Textile Fabrication LMT30407; or
    - (C) Certificate III in Carpentry CPC30211; or
    - (D) a course the commission considers is at least equivalent to a course mentioned in subparagraphs (A) to (C); or
  - (b) a recognition certificate as a qualified canvas and sail maker tradesperson or a qualified carpentry tradesperson.

### **Builder restricted to special structures (signs)**

- (a) either—
  - (i) successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
    - (A) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
    - (B) Select and prepare a construction contract CPCCBC4003A;
    - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
    - (D) Select, procure and store construction materials for low rise projects CPCCBC4006B;
    - (E) Conduct on-site supervision of building and construction projects CPCCBC4008B;
    - (F) Apply legal requirements to building and construction projects CPCCBC4009B;
    - (G) Manage small business finances BSBSMB406; or
  - (ii) successful completion of a course, or units of competency of a course, the commission considers is at least equivalent to the units of competency mentioned in paragraph (i); and
- (b) either—
  - (i) successful completion of—
    - (A) an apprenticeship in sign manufacture, sign-writing or carpentry; or
    - (B) Certificate III in Signage CPC32111; or
    - (C) Certificate III in Carpentry CPC30211; or
    - (D) a course the commission considers is at least equivalent to a course mentioned in subparagraphs (A) to (C); or
  - (ii) a recognition certificate as a qualified sign-writer or a qualified carpentry tradesperson.

### **Site supervisor**

Any one of the following—

- (a) successful completion of the following units of competency—
  - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;

- (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

## Part 9—Builder restricted to structural landscaping licence

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
- (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (ii) Select and prepare a construction contract CPCCBC4003A;
  - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iv) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (v) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (vi) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (vii) Manage small business finances BSBSMB406;
- (b) successful completion of a Diploma of Horticulture AHC50410, including the following units of competency—
- (i) AHCLSC502A Manage landscape Projects
  - (ii) AHCBUS503A Negotiate and Monitor Contracts
  - (iii) AHCBUS504A Prepare estimates quotes and tenders
  - (iv) AHCDES502A Prepare a project landscape design
  - (v) AHCOHS501A Manage Occupational Health and Safety (OHS) processes
  - (vi) AHCLSC501A Survey and establish site levels
  - (vii) AHCPGD504A Develop and implement a streetscape management plan
  - (viii) AHCPGD505A Conduct comprehensive inspections of park facilities
  - (ix) AHCBUS505A Develop a marketing plan
  - (x) AHCBUS508A Prepare and monitor budgets and financial reports
- (c) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a) or the diploma mentioned in paragraph (b);
- (d) a recognition certificate as a builder qualified to carry out the scope of work for the licence class;
- (e) a qualification or statement of attainment of required competency for the class of licence.

### Site supervisor

Any one of the following—

- (a) successful completion of the following units of competency—
- (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;

- (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
- (v) Apply legal requirements to building and construction projects CPCCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

### Part 11—Building design—low rise licence

Any one of the following—

- (a) successful completion of the following units from CPP50911 Diploma of Building Design—
  - (i) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (ii) Research construction materials and methods for small-scale residential building design projects CPPBDN5001A;
  - (iii) Research compliance requirements for small-scale residential building design projects CPPBDN5003A;
  - (iv) Recommend sustainability solutions for small-scale building design projects CPPBDN5005A;
  - (v) Consult with clients to produce approved small-scale building project design briefs CPPBDN5006A;
  - (vi) Produce compliant client-approved working drawings for small-scale residential buildings CPPBDN5011A;
  - (vii) Assess timber-framed designs for one and two storey buildings CPCCSV5012A;
- (b) successful completion of a course or modules of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a building designer qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 12—Building design—medium rise licence

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) Associate Degree of Building Design CC01 (CQU);
  - (ii) Diploma of Building Design CPP50911;
- (b) successful completion of a course or modules of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a building designer qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 13—Building design—open licence

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) Bachelor of Design (Architectural Studies) DE42 (QUT);
  - (ii) Bachelor of Building Design CU65 (CQU);
- (b) successful completion of a course or modules of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);

- (c) a recognition certificate as a building designer qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 14—Completed residential building inspection licence

Completion of an approved completed building inspectors course and—

- (a) a current licence in one of the following licence classes—
  - (i) builder—low rise;
  - (ii) builder—medium rise;
  - (iii) builder—open; or
- (b) accreditation as a building surveyor, assistant building surveyor or building surveyor technician by the Australian Institute of Building Surveyors ACN 004 540 836 or accreditation the commission considers is at least equivalent to accreditation by the Institute.

In this section—

**approved completed building inspectors course** means a course provided by a registered training organisation and containing the following subjects, or another course delivered by a registered training organisation that the commission is satisfied is at least equivalent to the course—

- (a) Customer Service Skills;
- (b) Effective Communication;
- (c) Report Writing;
- (d) Pre-Inspection Considerations;
- (e) Site Inspection Procedures and Techniques;
- (f) Contracts and the Building Legislation in Qld;
- (g) Building Code of Australia and Australian Standards;
- (h) Workplace Health & Safety;
- (i) QBCC Dispute Procedures and Insurance and Legal Implications.

## Part 15—Cabinetmaking licence

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) an apprenticeship in cabinet making including unit of competency Install furnishing products MSFFM3006;
  - (ii) Certificate III in Cabinet Making MSF31113 including unit of competency Install furnishing products MSFFM3006.
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified cabinetmaker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 16—Carpentry licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) apprenticeship in carpentry;



- (ii) Certificate III in Carpentry CPC30211;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified carpenter;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 17—Concreting licence

Any one of the following—

- (a) successful completion of the course Certificate III in Concreting CPC30313,
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a)
- (c) a recognition certificate as a qualified concrete worker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 18—Plumbing and drainage licence

- (a) Successful completion of Certificate III in Plumbing CPC32413 or Certificate III in Plumbing (Mechanical Services) (with sanitary stream completed) CPC32513 plus the following the units of competency from the Certificate IV in Plumbing and Services CPC40912—
  - (i) Carry out work based risk control process CPCPCM4011A.
  - (ii) Estimate and cost work CPCPCM4012A.
  - (iii) Design and size sanitary drainage systems CPCPDR4011B.
  - (iv) Design and size stormwater drainage systems CPCPDR4012B.
  - (v) Design and size domestic treatment plant disposal systems CPCPDR4013B.
  - (vi) Design and size sanitary plumbing systems CPCPSN4011B.
  - (vii) Design and size heated and cold water services and systems CPCPWT4011B.
  - (viii) Establish legal and risk management requirements of small business BSBSMB401.
- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to the course and units of competency mentioned in paragraph (a).

## Part 19—Drainage licence

- (a) Successful completion of Certificate II in Drainage CPC20712 plus the following units of competency from the Certificate IV in Plumbing and Services CPC40912—
  - (i) Carry out work based risk control process CPCPCM4011A.
  - (ii) Estimate and cost work CPCPCM4012A.
  - (iii) Design and size sanitary drainage systems CPCPDR4011B.
  - (iv) Design and size stormwater drainage systems CPCPDR4012B.
  - (v) Design and size domestic treatment plant disposal systems CPCPDR4013B.
  - (vi) Establish Legal and risk management requirements of small business BSBSMB401.
- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to the course and units of competency mentioned in paragraph (a).

## Part 19A—Drainage—on-site sewerage facility licence

### Maintenance

- (a) Successful completion of the following units of competency—
  - (i) Maintain domestic treatment plants and on-site sewerage facilities QLD334WEP01B.
  - (ii) Design and size domestic treatment plant disposal systems CPCPDR4013B.
- (b) Successful completion of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

### Maintenance and installation

- (a) Successful completion of the following units of competency—
  - (i) Maintain domestic treatment plants and on-site sewerage facilities QLD334WEP01B.
  - (ii) Design and size domestic treatment plant disposal systems CPCPDR4013B.
  - (iii) Carry out WHS requirements CPCPCM2043A.
  - (iv) Install domestic treatment plants CPCPDR2022A.
  - (v) Install on-site disposal systems CPCPDR3023A.
  - (vi) Establish legal and risk management requirements of small business BSBSMB401.
- (b) Successful completion of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

## Part 20—Irrigation licence

Any one of the following—

- (a) successful completion of Certificate III in Plumbing CPC32413 or Certificate III in Plumbing (Mechanical Services) (with sanitary stream completed) CPC32513 plus the following the units of competency from the Certificate IV in Plumbing and Services CPC40912—
  - (i) Carry out work based risk control process CPCPCM4011A.
  - (ii) Estimate and cost work CPCPCM4012A.
  - (iii) Design and size sanitary drainage systems CPCPDR4011B.
  - (iv) Design and size stormwater drainage systems CPCPDR4012B.
  - (v) Design and size domestic treatment plant disposal systems CPCPDR4013B.
  - (vi) Design and size sanitary plumbing systems CPCPSN4011B.
  - (vii) Design and size heated and cold water services and systems CPCPWT4011B.
  - (viii) Establish Legal and risk management requirements of small business BSBSMB401.
- (b) a recognition certificate as a qualified plumber and drainer.
- (c) successful completion of Certificate III in IrrigationAHC32412;
- (d) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraphs (a) and (c);
- (e) a qualification or statement of attainment of required competency for the class of licence.

## Part 21—Passive fire protection—fire doors and shutters licences

### Licence class—certify

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Passive Fire Equipment) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Licence class—inspect and test**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including the successful completion of the following unit of competency—
  - (i) Identify, inspect and test fire and smoke doors CPPFES2035A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Part 22—Passive fire protection—fire collars, penetrations and joint sealing licence**

Successful completion of—

- (a) both of the following:
  - (i) Certificate II in Fire Protection Inspection and Testing CPP20511 including the successful completion of the following unit of competency (B) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039A; and
  - (ii) Prepare a Fire Protection Certification Statement or Report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

**Part 23—Passive fire protection—fire and smoke walls and ceilings licence**

The successful completion of—

- (a) Certificate III in Wall and Ceiling Lining CPC31211 and one of the following—
  - (i) Quality assure fire-rated lining systems CCCCBC4047A;
  - (ii) Prepare a fire protection certification statement or report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

**Part 24—Special hazard suppression systems licences****Certify—restricted to gaseous, water mist and reticulated foam proportioning systems**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Special Hazards) 30903QLD except for units Certify wet and dry chemical suppression systems (installation) 4IAI and Certify wet and dry chemical suppression systems (maintenance) 4MAJ; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Certify—restricted to chemical and foam special hazard systems**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Special Hazards) 30903QLD except for units Certify gaseous fire suppression systems (installation) 4IAJ and Certify gaseous fire suppression systems (maintenance) 4MAK; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain**

The successful completion of Certificate III in Fire Protection CPC32813 or successful completion of a course the commission considers is at least equivalent to this course.

**Maintain—restricted to gaseous, water mist and reticulated**

- (a) Successful completion of Certificate III in Fire Protection Inspection and Testing CPP30811, including successful completion of the following units of competency—
  - (i) Inspect and maintain portable foam-generating equipment CPPFES3024A;
  - (ii) Inspect test and maintain gaseous fire suppression systems CPPFES2025A;
  - (iii) Inspect, test and maintain non-gaseous pre-engineered fire suppression systems CPPFES2027A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Part 25—Sprinkler and suppression systems (reticulated water based) licences****Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Certify—restricted to commercial or industrial type**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Certify—restricted to domestic or residential types**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain**

- (a) Successful completion of—
  - (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813;plus successful completion of the following units of competency—
  - (A) install domestic and residential life safety sprinkler systems CPCPFS3037A.
  - (B) commission domestic and residential fire suppression sprinkler systems CPCPFS4021A.
  - (C) design residential and domestic fire sprinkler systems CPCPFS4024A.

- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to the course and units of competency mentioned in paragraph (a).

### **Install and maintain—restricted to commercial or industrial type**

- (a) Successful completion of—
- (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813.
- (b) Successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

### **Install and maintain—restricted to domestic or residential type**

- (a) Successful completion of—
- (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813;
- plus successful completion of the following units of competency—
- (A) install domestic and residential life safety sprinkler systems CPCPFS3037A.
  - (B) commission domestic and residential fire suppression sprinkler systems CPCPFS4021A.
  - (C) design residential and domestic fire sprinkler systems CPCPFS4024A.
- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to a course and units of competency mentioned in paragraph (a).

### **Inspect and test**

- (a) Successful completion of—
- (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813;
- plus successful completion of the following units of competency—
- (A) install domestic and residential life safety sprinkler systems CPCPFS3037A.
  - (B) commission domestic and residential fire suppression sprinkler systems CPCPFS4021A.
  - (C) design residential and domestic fire sprinkler systems CPCPFS4024A.
- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to a course and units of competency mentioned in paragraph (a).

## **Part 26—Fire pump licences**

### **Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain**

- (a) Successful completion of—
  - (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813.
- (b) Successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

**Inspect and test**

- (a) Successful completion of the following unit of competency—
  - (i) Inspect and test fire pumpsets CPCPFS3041A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the unit of competency mentioned in paragraph (a).

**Part 27—Fire hydrants and hose reels licences****Certify**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain**

- (a) Successful completion of—
  - (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813.
- (b) Successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

**Inspect and test**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including completion of Inspect and test fire hydrant systems CPPFES2037A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Part 28—Portable fire equipment and hose reels (hose reels down stream of stop cock only) licences****Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Fire Fighting Appliances) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain**

- (a) Successful completion of the Certificate II in Fire Protection Inspection and Testing CPP20511 including successful completion of the following units of competency—
  - (i) Inspect and test fire hose reels CPPFES2010A;
  - (ii) Install portable fire extinguishers and fire blankets CPPFES2011A;
  - (iii) Conduct routine inspection and testing of fire extinguishers and fire blankets CPPFES2020A or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Part 29—Fire detection, alarm and warning systems licences****Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Fire Detection Systems) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Install and maintain—extra low voltage**

One of the following—

- (a) successful completion of
  - (i) Certificate III in Fire Protection Control UEE31011;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) possession of an electrical mechanic licence.

**Maintain—extra low voltage**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including completion of the following units of competency—
  - (ii) Inspect and test control and indicating equipment CPPFES2047A
  - (iii) Conduct functional tests on fire detection, warning and intercommunication devices CPPFES2029A; or
- (b) Successful completion of Certificate II in Fire Alarms Servicing UEE21011; or
- (c) Successful completion of a course the commission considers is at least equivalent to the courses mentioned in paragraph (a) or (b); or
- (d) Possession of an electrical mechanic licence.

**Part 30—Emergency lighting licences****Certify**

- (a) Successful completion of all of the following units of competency—
  - (i) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (ii) Read and interpret plans and specifications CPCCCM2001A;
  - (iii) Carry out measurements and calculations CPCCCM1015A;
  - (iv) Inspect for legislative compliance PUAFIR510B;

- (v) Prepare a fire protection certification statement or report REP 1;
- (vi) Inspect and test emergency and exit lighting systems CPPFES2026A; or
- (b) Successful completion of a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

### **Inspect and test**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including successful completion of the unit of competency Inspect and test emergency and exit lighting systems CPPFES2026A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a); or
- (c) Possession of an electrical mechanic licence.

## **Part 30A—Emergency procedures licence**

The successful completion of—

- (a) the following units of competency from the Public Safety Training Package PUA12—
  - (i) Identify, prevent and report potential workplace emergency situations PUAWER001B;
  - (ii) Ensure workplace emergency prevention procedures, systems and processes are implemented PUAWER002B;
  - (iii) Manage and monitor workplace emergency procedures equipment and other resources PUAWER003B;
  - (iv) Respond to workplace emergencies PUAWER004B;
  - (v) Operate as part of an emergency control organisation PUAWER005B;
  - (vi) Lead an emergency control organisation PUAWER006B;
  - (vii) Manage an emergency control organisation PUAWER007B;
  - (viii) Confine small workplace emergencies PUAWER008B; or
- (b) a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

## **Part 30B—Fire safety professional licence**

The successful completion of—

- (a) a Graduate Diploma in Building Fire Safety and Risk Engineering EGQB; or
- (b) a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

## **Part 31—Floor finishing and covering (hard sector) licence**

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in floor covering and finishing or carpentry;
  - (ii) Certificate III in Flooring Technology MSF30813;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified floor finisher and coverer or carpenter;
- (d) a qualification or statement of attainment of required competency for the class of licence.



## Part 32—Foundation work (piling and anchors) licence

Any one of the following—

- (a) successful completion of the course Certificate III in Civil Foundations RII31215;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified foundations worker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 33—Gasfitting licence

Possession of a gas work licence or a gas work authorisation, other than an interim authority.

In this section—**interim authority** means an interim gas work licence or authorisation granted under the Petroleum and Gas (Production and Safety) Act 2004.

### Definitions for pt 33

In this part—

**gas system** see the *Petroleum and Gas (Production and Safety) Act 2004*, schedule 2.

**gas work** see the *Petroleum and Gas (Production and Safety) Act 2004*, section 725.

**gas work authorisation** means a gas work authorisation under the *Petroleum and Gas (Production and Safety) Act 2004*.

**gas work licence** means a gas work licence under the *Petroleum and Gas (Production and Safety) Act 2004*.

## Part 34—glass, glazing and aluminium licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in glass and glazing;
  - (ii) Certificate III in Glass and Glazing MSF30413;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified glazier;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 35—Hydraulic services design licences

### Hydraulic services design

- (a) successful completion of a Diploma of Hydraulic Services Design CPC50612 or a qualification the commission considers is at least equivalent to the diploma; and
- (b) successful completion of the unit of competency Design onsite sewerage facilities QLD334WEP02A or a competency the commission considers is at least equivalent to the QLD334WEP02A unit of competency.

**Hydraulic services design excluding design of on-site domestic waste water management.**

Successful completion of a Diploma of Hydraulic Services Design CPC50612 or a qualification the commission considers is at least equivalent to the diploma.

**Part 36—Joinery licence**

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) an apprenticeship in joinery or carpentry and joinery;
  - (ii) Certificate III in Joinery CPC31912;
  - (iii) Certificate III in Carpentry and Joinery CPC32011;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified cabinetmaker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

**Part 37—Structural metal fabrication and erection licence**

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in engineering fabrication (boilermaking);
  - (ii) Certificate III in Engineering – Fabrication Trade (Heavy Fabrication) or (Welding) MEM30305;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified boilermaker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

**Part 38—Non-structural metal fabrication and installation licence**

Any one of the following—

- (a) successful completion of either of the following—
  - (i) an apprenticeship in engineering fabrication (sheetmetal working, boilermaking or blacksmithing);
  - (ii) an apprenticeship in engineering mechanical (fitting and turning or turning);
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a plumbers and drainers licence issued by the commissioner;
- (d) a recognition certificate as a qualified metal wall and roof cladder or plumber and drainer;
- (e) a qualification or statement of attainment of required competency for the class of licence.

## Part 39—Metal fascias and gutters licence

Any one of the following—

- (a) successful completion of an apprenticeship in plumbing and drainage, carpentry or carpentry and joinery;
- (b) successful completion of the following—
  - (i) Conduct workplace communication CPCCCM1014A;
  - (ii) Work effectively and sustainably in the construction industry CPCCCM1012A;
  - (iii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (iv) Plan and organise work CPCCCM1013A;
  - (v) Read and interpret plans and specifications CPCCCM2001A;
  - (vi) Carry out measurements and calculations CPCCCM1015A;
  - (vii) Use construction tools and equipment CPCCCM2005B;
  - (viii) Erect and dismantle restricted height scaffolding CPCCCM2008B;
  - (ix) Handle construction materials CPCCCM2004A;
  - (x) Operate elevated work platforms CPCCCM3001C;
  - (xi) Carry out levelling CPCPCM2047A;
  - (xii) Fabricate and install roof drainage components CPCPRF3022A;
  - (xiii) Fabricate and install external flashings CPCPRF3023A;
  - (xiv) Cut and join sheet metal CPCPCM2048A;
  - (xv) Mark out materials CPCPCM2050A;
  - (xvi) Provide basic emergency life support HLTAID002;
  - (xvii) Work safely on roofs CPCPCM2055A;
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (d) a plumbers and drainers licence issued by the commissioner;
- (e) a recognition certificate as a qualified carpenter, carpenter and joiner or plumber;
- (f) a qualification or statement of attainment of required competency for the class of licence.

## Part 40—Roof and wall cladding licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in plumbing and drainage, carpentry or carpentry and joinery;
  - (ii) Certificate III in Roof Plumbing CPC32612;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a plumbers and drainers licence issued by the commissioner;
- (d) a recognition certificate as a qualified carpenter, carpenter and joiner, metal wall and roof cladder or plumber and drainer;
- (e) a qualification or statement of attainment of required competency for the class of licence.

## Part 41—Painting and decorating licence

### Painting and decorating

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in painting and decorating including the unit of competency Apply trowelled texture coat finishes CPCCSP3003A;
  - (ii) Certificate III in Painting and Decorating CPC30611 including the unit of competency Apply trowelled texture coat finishes CPCCSP3003A;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified painter and decorator including the unit of competency Apply trowelled texture coat finishes CPCCSP3003A;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Painting and decorating, excluding applying cement render

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in painting and decorating;
  - (ii) Certificate III in Painting and Decorating CPC30611;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified painter and decorator;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 42—Plastering drywall licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in plastering drywall;
  - (ii) Certificate III in Wall and Ceiling Lining CPC31211;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified plasterer drywall;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 43—Plastering solid licence

### Plastering solid

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in solid plastering including the unit of competency Apply paint by brush and roller CPCCPD3022A;
  - (ii) Certificate III in Solid Plastering CPC31011 including the unit of competency Apply paint by brush and roller CPCCPD3022A;

- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified solid plasterer including the unit of competency Apply paint by brush and roller CPCCPD3022A;
- (d) a qualification or statement of attainment of required competency for the class of licence.

#### **Plastering solid, excluding applying paint for decorative, protective or technical purposes**

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in solid plastering;
  - (ii) Certificate III in Solid Plastering CPC31011;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified solid plasterer;
- (d) a qualification or statement of attainment of required competency for the class of licence.

#### **Part 44—Refrigeration, air-conditioning and mechanical services including unlimited design licence**

Any one of the following—

- (a) successful completion UEE51211 - Diploma of Air-conditioning and Refrigeration Engineering;
- (b) successful completion of a course the commission considers is at least equivalent to either course mentioned in paragraph (a);
- (c) a qualification or statement of attainment of required competency for the class of licence.

#### **Part 45—Refrigeration, air-conditioning and mechanical services including limited design licence**

Any one of the following—

- (a) successful completion of any of the following courses—
  - (i) an apprenticeship in refrigeration and air-conditioning;
  - (ii) Certificate III in Engineering Mechanical Trade (Refrigeration and Air Conditioning) MEM30205;
  - (iii) Certificate III in Air-conditioning and Refrigeration UEE32211;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified refrigeration and air-conditioning mechanic;
- (d) a qualification or statement of attainment of required competency for the class of licence.

#### **Part 46—Sheds, carports and garages licence**

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in carpentry or carpentry and joinery;
  - (ii) Certificate III in Carpentry CPC30211;
- (b) successful completion of the following units of competency—
  - (i) Conduct workplace communication CPCCCM1014A;

- (ii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (iii) Plan and organise work CPCCCM1013A;
  - (iv) Read and interpret plans and specifications CPCCCM2001A;
  - (v) Carry out measurements and calculations CPCCCM1015A;
  - (vi) Use construction tools and equipment CPCCCM2005B;
  - (vii) Erect and dismantle restricted height scaffolding CPCCCM2008B;
  - (viii) Carry out levelling operations CPCCCA3023A;
  - (ix) Carry out excavation CPCCCM2002A;
  - (x) Carry out concreting to simple forms CPCCCO2013A;
  - (xi) Handle Carpentry Materials CPCCCA2011A;
  - (xii) Carry Out Setting Out CPCCCA3002A;
  - (xiii) Cut and Join Sheet Metal CPCPCM2048A;
  - (xiv) Install and replace windows and doors CPCCCA3010A;
  - (xv) Fabricate and install external flashings CPCPRF3023A;
  - (xvi) Flash penetrations through roofs and walls CPCPCM3021A;
  - (xvii) Select and install roof sheeting and wall cladding CPCPRF2022A;
- (c) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (d) a recognition certificate as a qualified carpenter or carpenter and joiner;
- (e) a qualification or statement of attainment of required competency for the class of licence.

## Part 47—Shopfitting (trade) licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in shopfitting;
  - (ii) Certificate III in Shopfitting CPC31812;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified shopfitter;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 48—Site classifier licences

### Site classifier

- (a) Any one of the following—
  - (i) successful completion of Certificate III in Construction Material Testing 10544NAT including the unit of competency Classify sites CMTGEO406A;
  - (ii) successful completion of a course the commission considers is at least equivalent to the qualification mentioned in subparagraph (i);
  - (iii) a qualification or statement of attainment of required competency for the class of licence; and
- (b) Successful completion of the unit of competency Design onsite sewerage facilities QLD334WEP02A or a competency the commission considers is at least equivalent to the QLD334WEP02A unit of competency.

### Site classifier excluding on-site domestic waste water management

Any one of the following—

- (a) successful completion of Certificate III in Construction Material Testing 10544NAT including the unit of competency Classify sites CMTGEO406A;
- (b) successful completion of a course the commission considers is at least equivalent to the qualification mentioned in paragraph (a);
- (c) a qualification or statement of attainment of required competency for the class of licence; and

### Part 49—Steel fixing licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) Certificate III in Steel Fixing CPC31111;
  - (ii) steelfixer's traineeship;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified steel fixer;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 50—Stonemasonry licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in stonemasonry;
  - (ii) Certificate III in Stonemasonry (Monumental/ Installation) CPC32313;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified stonemason;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 51—Structural landscaping (trade) licence

Any one of the following—

- (a) successful completion of an apprenticeship, or traineeship, at level III or higher in Landscape Construction including the following units of competency from Certificate III in Landscape Construction AHC30910—
  - (i) Contribute to OHS processes AHCOHS301A;
  - (ii) Cost a project AHCBUS402A;
  - (iii) Install drainage systems AHCDRG301A;
  - (iv) Set out site for construction works AHCLSC301A;
  - (v) Construct landscape features using concrete AHCLSC302A;
  - (vi) Construct brick and/or block structures and features AHCLSC303A;
  - (vii) Construct stone structures and features AHCLSC305A;
  - (viii) Implement a paving project AHCLSC306A;
  - (ix) Implement a retaining wall project AHCLSC307A;
  - (x) Provide information on plants and their culture AHPCPM302A;
  - (xi) Implement a plant establishment program AHCPGD301A;

- (xii) Construct a soil profile AHCSOL302A;
  - (xiii) Erect timber structures and features AHCLSC304A
  - (xiv) Install metal structures and features AHCLSC308A;
  - (xv) Install water features AHCLSC309A;
- (b) successful completion of Certificate III in Carpentry CPC30211;
  - (c) successful completion of Certificate III in Bricklaying/Blocklaying CPC30111;
  - (d) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraphs (a) to (c);
  - (e) a recognition certificate as a qualified landscaper, carpenter or bricklayer.

## Part 51A—Swimming pool construction, installation and maintenance licence

### 1) Swimming pool construction, installation and maintenance (construction)

- (a) Successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
  - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (ii) Select and prepare a construction contract CPCCBC4003A;
  - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iv) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (v) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (vi) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (vii) Manage small business finances BSBSMB406;
- (b) Successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

### 2) Swimming pool construction, installation and maintenance (installation)

- (a) Successful completion of the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
  - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
  - (ii) Select and prepare a construction contract CPCCBC4003A;
  - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
  - (iv) Select, procure and store construction materials for low rise projects CPCCBC4006B;
  - (v) Conduct on-site supervision of building and construction projects CPCCBC4008B;
  - (vi) Apply legal requirements to building and construction projects CPCCBC4009B;
  - (vii) Manage small business finances BSBSMB406;
- (b) Successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

### 3) Swimming pool construction, installation and maintenance (maintenance and accessories)

- (a) Successful completion of Certificate III in Swimming Pool and Spa Construction, Installation and Maintenance 30918QLD; or



- (b) A statement of attainment, issued in partial completion of Certificate III in Swimming Pool and Spa Construction, Installation and Maintenance 30918QLD, which states that the units of competency attained have been recognised by the National Swimming Pool Institute as meeting industry requirements for working in swimming pool maintenance and accessories; or
- (c) Successful completion of a course or units of competency of a course the commission considers is at least equivalent to the course mentioned in paragraph (b); or
- (d) A qualification or statement of attainment of required competency for the class of licence.

### Part 52—Termite management—chemical licence

Both of the following—

- (a) possession of a licence for pest control activities including activities for timber pests under the Pest Management Act 2001;
- (b) successful completion of the following units of competency from Certificate III in Urban Pest Management CPP30115—
  - (i) Inspect for and report on timber pests CPPPMT3008;
  - (ii) Control timber pests CPPPMT3010.

### Part 53—Termite management—physical licence

Both of the following—

- (a) certification by the manufacturer of a product or system to be used by a licensee that the licensee has satisfactorily completed a course about the installation of the product or system;
- (b) successful completion of the unit of competency Install physical termite management systems CPPPMT3042 from Certificate III in Urban Pest Management CPP30115.

### Part 54—Roof tiling licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in roof tiling;
  - (ii) Certificate III in Roof Tiling CPC30812;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified roof tiler;
- (d) a qualification or statement of attainment of required competency for the class of licence.

### Part 55—Wall and floor tiling licence

Any one of the following—

- (a) successful completion of either of the following courses—
  - (i) an apprenticeship in wall and floor tiling;
  - (ii) Certificate III in Wall and Floor Tiling CPC31311;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified wall and floor tiler;
- (d) a qualification or statement of attainment of required competency for the class of licence.

## Part 56—Waterproofing licence

Any one of the following—

- (a) Certificate III in Construction Waterproofing CPC31411;
- (b) a recognition certificate as a qualified waterproofer;
- (c) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

## Technical qualifications for Schedule 2A licences

### Part 1—Passive fire protection—fire doors and shutters occupational licences

#### Certify

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Passive Fire Equipment) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

#### Inspect and test

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including the successful completion of the following unit of competency—
  - (i) Identify, inspect and test fire and smoke doors CPPFES2035A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### Part 2—Passive fire protection—fire collars, penetrations and joint sealing occupational licence

Successful completion of both of the following:

- (a) Certificate II in Fire Protection Inspection and Testing CPP20511 including the successful completion of the following unit of competency—
  - (i) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039A; and
  - (ii) Prepare a Fire Protection Certification Statement or Report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a).

### Part 3—Passive fire protection—fire and smoke walls and ceilings occupational licence

Successful completion of—

- (a) Certificate III in Wall and Ceiling Lining CPC31211 and either of the following—
  - (i) Quality assure fire rated lining systems CCCCBC4047A;
  - (ii) Prepare a fire protection certification statement or report REP 1; or

- (b) a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

## Part 4—Special hazard suppression systems occupational licences

### **Certify—restricted to gaseous, water mist and reticulated foam proportioning systems**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Special Hazards) 30903QLD except for units Certify wet and dry chemical suppression systems (installation) 4IAI and Certify wet and dry chemical suppression systems (maintenance) 4MAJ; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### **Certify—restricted to chemical and foam special hazard systems**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Special Hazards) 30903QLD except for units Certify gaseous fire suppression systems (installation) 4IAJ and Certify gaseous fire suppression systems (maintenance) 4MAK; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### **Install and maintain**

The successful completion of Certificate III in Fire Protection CPC32813 or successful completion of a course the commission considers is at least equivalent to this course.

### **Maintain—restricted to gaseous, water mist and reticulated foam proportioning systems**

- (a) Successful completion of Certificate III in Fire Protection Inspection and Testing CPP30811, including successful completion of the following units of competency—
- (i) Inspect and maintain portable foam-generating equipment CPPFES3024A;
  - (ii) Inspect test and maintain gaseous fire suppression systems CPPFES2025A;
  - (iii) Inspect, test and maintain non-gaseous pre-engineered fire suppression systems CPPFES2027A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

## Part 5—Sprinkler and suppression systems (reticulated water based) occupational licences

### **Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Certify—restricted to commercial or industrial type**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Certify—restricted to domestic or residential types**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Inspect and test**

- (a) Successful completion of—
  - (i) Certificate III in Plumbing CPC32413; or
  - (ii) Certificate III in Plumbing (Mechanical Services) CPC32513; or
  - (iii) Certificate III in Fire Protection CPC32813;plus successful completion of the following units of competency—
  - (A) install domestic and residential life safety sprinkler systems CPCPFS3037A.
  - (B) commission domestic and residential fire suppression sprinkler systems CPCPFS4021A.
  - (C) design residential and domestic fire sprinkler systems CPCPFS4024A.
- (b) Successful completion of a course and units of competency of a course the commission considers is at least equivalent to a course and units of competency mentioned in paragraph (a).

**Part 6—Fire pumps occupational licences****Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-sets) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

**Inspect and test**

- (a) Successful completion of the following unit of competency—
  - (i) Inspect and test fire pumpsets CPCPFS3041A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the unit of competency mentioned in paragraph (a).

**Part 7—Fire hydrants and hose reels occupational licences****Certify**

- (a) Successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Hydrants, Sprinklers and Pump-Sets) 30903QLD; or

- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### **Inspect and test**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including completion of Inspect and test fire hydrant systems CPPFES2037A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

## **Part 8—Portable fire equipment and hose reels (hose reels down stream of stop cock only) occupational licences**

### **Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Fire Fighting Appliances) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### **Install and maintain**

- (a) Successful completion of the Certificate II in Fire Protection Inspection and Testing CPP20511 including successful completion of the following units of competency—
  - (i) Inspect and test fire hose reels CPPFES2010A;
  - (ii) Install portable fire extinguishers and fire blankets CPPFES2011A;
  - (iii) Conduct routine inspection and testing of fire extinguishers and fire blankets CPPFES2020A or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

## **Part 9—Fire detection, alarm and warning systems occupational licences**

### **Certify**

- (a) Successful completion of Certificate IV in Fire Systems Compliance (Fire Detection Systems) 30903QLD; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

### **Install and maintain—extra low voltage**

- (a) Successful completion of Certificate III in Fire Protection Control UEE31011; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a); or
- (c) Possession of an electrical mechanic licence.

**Maintain—extra low voltage**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including completion of the following units of competency—
  - (i) Inspect and test control and indicating equipment CPPFES2047A
  - (ii) Conduct functional tests on fire detection, warning and intercommunication devices CPPFES2029A; or
- (b) Successful completion of Certificate II in Fire Alarms Servicing UEE21011; or
- (c) Successful completion of a course the commission considers is at least equivalent to the courses mentioned in paragraph (a) or (b); or
- (d) Possession of an electrical mechanic licence.

**Part 10—Emergency lighting occupational licences****Certify**

- (a) Successful completion of all of the following units of competency—
  - (i) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
  - (ii) Read and interpret plans and specifications CPCCCM2001A;
  - (iii) Carry out measurements and calculations CPCCCM1015A;
  - (iv) Inspect for legislative compliance PUAFIR510B;
  - (v) Prepare a fire protection certification statement or report REP 1;
  - (vi) Inspect and test emergency and exit lighting systems CPPFES2026A; or
- (b) Successful completion of a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

**Inspect and test**

- (a) Successful completion of Certificate II in Fire Protection Inspection and Testing CPP20511 including successful completion of the unit of competency Inspect and test emergency and exit lighting systems CPPFES2026A; or
- (b) Successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a); or  
Possession of an electrical mechanic licence.

**Part 11—Emergency procedures occupational licence**

Successful completion of—

- (a) the following units of competency from the Public Safety Training Package PUA12—
  - (i) Identify, prevent and report potential workplace emergency situations PUAWER001B;
  - (ii) Ensure workplace emergency prevention procedures, systems and processes are implemented PUAWER002B;
  - (iii) Manage and monitor workplace emergency procedures equipment and other resources PUAWER003B;
  - (iv) Respond to workplace emergencies PUAWER004B;
  - (v) Operate as part of an emergency control organisation PUAWER005B;
  - (vi) Lead an emergency control organisation PUAWER006B;
  - (vii) Manage an emergency control organisation PUAWER007B;
  - (viii) Confine small workplace emergencies PUAWER008B; or

- (b) a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

## **Part 12—Fire safety professional occupational licence**

Successful completion of a—

- (a) graduate diploma in Building Fire Safety and Risk Engineering EGQB; or
- (b) course the commission considers is at least equivalent to the course mentioned in paragraph (a).