



Technical qualifications for licensing

Queensland Building and Construction
Commission licence requirements

1 May 2021



Queensland
Government

Document history

Version numbers	Date of publications	Key changes
V1	1 April 2016	
V2	26 November 2018	Updates to training packages and competency codes and renumbering of schedules a licence classes to align with the remade <i>Queensland Building and Construction Commission Regulation 2018</i>
V3	28 May 2019	Removal of incorrect and correction of competencies, update of details for superseded competency codes, and correction of administrative errors since publication of V2
V4	18 December 2019	Inclusion of training packages and competency codes for the introduction of the mechanical services licence classes and update a number of references to the <i>Plumbing and Drainage Act 2018</i> .
V5	6 May 2020	Updates to training packages for the mechanical services licence – air conditioning and refrigeration licence classes and correction of administrative errors since publication of V4
V6	1 February 2021	Removal of two mandated units of competency from Part 48A licence class and department name change.
V7	1 May 2021	Updates to training packages and competency codes following Artibus Innovation review, inclusion of training packages and competency codes for the introduction of the new fire protection licensing framework and updates of details for superseded competency codes.

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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 2018* (QBCC Regulation).

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 building and construction contractors and occupations.

The Department of Energy and Public Works (the department) is responsible for developing and implementing the policy and legislation of the QBCC.

Legislation

Queensland Building and Construction Commission Act 1991

Part 3, Division 1 of the *Queensland Building and Construction Commission Act 1991* (QBCC Act) establishes the following types of licence that a person may apply for:

- Contractor licence—entitles the licence holder to carry out building work
- Nominee supervisor—entitles the licence holder to provide supervisory services for building work carried out under the company's licence and perform the functions required of a nominee under the QBCC Act
- Site supervisor—entitles the licence holder to personally supervise building work carried out under a company or contractor's licence
- Fire protection occupational licence—entitles the licence holder to personally carry out and personally supervise fire protection work
- Mechanical services occupational licence – entitles the licence holder to personally carry out and personally supervise mechanical services work.

The QBCC Act allows each of the above types of licence to be divided into classes by regulation.

Part 3, Division 2 of the QBCC 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 2018

Part 3 of the QBCC Regulation provides that contractor and nominee supervisor licences are available for each of the licence classes set out in Schedule 2 of the QBCC Regulation. Site supervisor licences are available for each licence class other than the fire protection licenses specified in parts 22A to 33 of Schedule 2. The classes of fire protection occupational licence are set out in Schedule 3 of the QBCC Regulation. The classes of mechanical services occupational licence are set out in Schedule 3A of the QBCC Regulation.

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

Under the QBCC 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.

About this document

This document sets out the technical qualifications required for each class of licence under Schedules 2, 3 and 3A of the QBCC Regulation. For the Schedule 2 licence classes, the same technical qualifications will apply for a contractor licence, nominee supervisor licence or site supervisor licence, unless otherwise specified. For example, a person seeking a carpentry licence would need to attain the technical qualifications set out under part 16 of this document, regardless of whether their application was for a contractor, nominee supervisor or site supervisor carpentry licence. However, some licences (parts 4 to 10 and 55) have different technical qualifications for the contractor and nominee supervisor licences compared to the site supervisor licence.

Technical qualifications for Schedule 2 of the QBCC Regulation – contractor, nominee supervisor and site supervisor 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 MEM20219;
 - (ii) an apprenticeship in engineering fabrication (sheetmetal working);
 - (iii) Certificate III in Engineering – Fabrication Trade MEM30319;
- (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 and Blocklaying CPC33020;
- (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 CPCCOM1014;
 - (ii) Work effectively and sustainably in the construction industry CPCCOM1012;
 - (iii) Apply WHS requirements, policies and procedures in the construction industry CPCCWHS2001;
 - (iv) Plan and organise work CPCCOM1013;
 - (v) Read and interpret plans and specifications CPCCOM2001;
 - (vi) Carry out measurements and calculations CPCCOM1015;
 - (vii) Use construction tools and equipment CPCCOM2005;
 - (viii) Use bricklaying and blocklaying tools and equipment CPCCBL2002;
 - (ix) Select, use and maintain concreting plant, tools and equipment CPCCON2022;
 - (x) Erect and dismantle restricted height scaffolding CPCCCM2008;
 - (xi) Apply basic levelling procedures CPCCCM2006;
 - (xii) Carry out concreting to simple forms CPCCCO2013;
 - (xiii) Handle construction materials CPCCCM2004;
 - (xiv) Handle and prepare bricklaying and blocklaying materials CPCCBL2001;
 - (xv) Handle concreting materials and components CPCCON2021;
 - (xvi) Carry out basic demolition CPCCCM2009;
 - (xvii) Place and fix reinforcement materials CPCCSF2004;
 - (xviii) Erect and dismantle formwork for footings and slabs on ground CPCCA3028;

- (xix) Carry out concrete work CPCCCO2014;
- (xx) Carry out setting out CPCCCA3002;
- (xxi) Lay paving CPCCB3001.

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 and Blocklaying CPC33020;
- (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

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of Certificate IV in Building and Construction CPC40120;
- (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 licence

Any one of the following—

- (a) the technical qualifications stated for Builder—low rise;
- (b) successful completion of the following units of competency—
 - (i) Apply building codes and standards to the construction process for Class 1 and 10 buildings CPCCBC4001;
 - (ii) Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings CPCCBC4053;
 - (iii) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (iv) Plan building and construction work CPCCBC4007;
 - (v) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (vi) Apply legal requirements to building and construction projects CPCCBC4009;
 - (vii) Apply structural principles to residential and commercial constructions CPCCBC4010;
 - (viii) Read and interpret plans and specifications CPCCBC4012;
 - (ix) Apply site surveys and set-out procedures to building and construction projects

- CPCCBBC4018; and
- (x) Lead team effectiveness BSBLDR414;
- (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

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of Diploma of Building and Construction (Building) CPC50220;
- (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 licence

Any one of the following—

- (a) the technical qualifications stated for Builder—medium rise;
- (b) successful completion of the following units of competency—
 - (i) Apply building codes and standards to the construction process for Type B construction projects CPCCBBC5001;
 - (ii) Supervise and apply quality standards to the selection of building and construction materials CPCCBBC5004;
 - (iii) Select and manage building and construction contractors CPCCBBC5005;
 - (iv) Apply site surveys and set-out procedures to building projects up to three storeys CPCCBBC5006;
 - (v) Apply structural principles to the construction of buildings up to three storeys CPCCBBC5018;
 - (vi) Identify services layout and connection methods for Type B and C constructions CPCCBBC5009;
 - (vii) Manage construction work CPCCBBC5010;
- (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 contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of Advanced Diploma of Building and Construction (Management) CPC60220;
- (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 contractor and nominee supervisor licences

- (a) any one of the qualifications mentioned for builder—open; 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 licence

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 CPCCBC6001;
 - (ii) Manage processes for complying with legal obligations of a building or construction contractor CPCCBC6018;
 - (iii) Apply structural principles to the construction of large, high rise and complex buildings CPCCBC6014;
 - (iv) Assess construction faults in large building projects CPCCBC6016;
- (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

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction CPC40120—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Select, prepare and administer a construction contract CPCCBC4003;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iv) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (v) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (vi) Apply legal requirements to building and construction projects CPCCBC4009;
 - (vii) Manage finances for new business ventures BSBESB407.
- (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 licence

Any one of the following—

- (a) successful completion of the following units of competency—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iii) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (iv) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009;
- (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

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction CPC40120—
 - (i) Apply building codes and standards to the construction process for Class 1 and 10 buildings CPCCBC4001;
 - (ii) Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings CPCCBC4053;
 - (iii) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (iv) Select, prepare and administer a construction contract CPCCBC4003;
 - (v) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (vi) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (vii) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (viii) Apply legal requirements to building and construction projects CPCCBC4009;
 - (ix) Apply structural principles to residential and commercial constructions CPCCBC4010;
 - (x) Manage finances for new business ventures BBSESB407;
- (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 licence

Any one of the following—

- (a) successful completion of the following units of competency—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iii) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (iv) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009;
 - (vi) Apply structural principles to residential and commercial constructions CPCCBC4010;
- (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 special structures licence

Builder restricted to special structures (shade sails) contractor and nominee supervisor licences

- (a) Either—
- (i) successful completion of the following units of competency from Certificate IV in Building and Construction CPC40120—
 - (A) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (B) Select, prepare and administer a construction contract CPCCBC4003;
 - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (D) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (E) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (F) Apply legal requirements to building and construction projects CPCCBC4009;
 - (G) Manage finances for new business ventures BSBESB407; 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 (a)(i); and
- (b) successful completion of—
- (i) an apprenticeship in textile fabrication or carpentry; or
 - (ii) Certificate III in Manufactured Textile Products MST30220; or
 - (iii) Certificate III in Carpentry CPC30220; or
 - (iv) a course the commission considers is at least equivalent to a course mentioned in subparagraphs (b)(i) to (iii); or
- (c) a recognition certificate as a qualified canvas and sail maker tradesperson or a qualified carpentry tradesperson.

Builder restricted to special structures (signs) contractor and nominee supervisor licences

- (a) Either—
- (i) successful completion of the following units of competency from Certificate IV in Building and Construction CPC40120—
 - (A) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (B) Select, prepare and administer a construction contract CPCCBC4003;
 - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (D) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (E) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (F) Apply legal requirements to building and construction projects CPCCBC4009;

- (G) Manage finances for new business ventures BSBESB407; 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 (a)(i); and
- (b) successful completion of—
 - (i) an apprenticeship in sign manufacture, sign-writing or carpentry; or
 - (ii) Certificate III in Signs and Graphics CPC30216; or
 - (iii) Certificate III in Carpentry CPC30220; or
 - (iv) a course the commission considers is at least equivalent to a course mentioned in subparagraphs (b)(i) to (iii); or
- (c) a recognition certificate as a qualified sign-writer or a qualified carpentry tradesperson.

Builder restricted to special structures (shade sails) or (signs) site supervisor licence

Any one of the following—

- (a) successful completion of the following units of competency—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iii) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (iv) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009;
- (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 10 – Builder restricted to structural landscaping licence

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of the following units of competency from Certificate IV in Building and Construction CPC40120—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Select, prepare and administer a construction contract CPCCBC4003;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iv) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (v) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (vi) Apply legal requirements to building and construction projects CPCCBC4009;
 - (vii) Manage finances for new business ventures BSBESB407;

- (b) successful completion of—
 - (i) a Diploma of Horticulture AHC50416 or Diploma of Landscape Project Management AHC52016, including the following units of competency—
 - (A) Manage landscape projects AHCLSC502;
 - (B) Negotiate and monitor contracts AHCBUS514;
 - (C) Prepare estimates, quotes and tenders AHCBUS515;
 - (D) Prepare a landscape design AHCDDES502;
 - (E) Manage work health and safety processes AHCWHS502;
 - (F) Survey and establish site levels AHCLSC501;
 - (G) Provide specialist advice to clients AHCWRK509;
 - (H) Prepare and monitor budgets and financial reports AHCBUS518; and
 - (ii) the following units of competency from Certificate IV in Building and Construction CPC40120
 - (A) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (B) Apply legal requirements to building and construction projects CPCCBC4009;
- (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 and units of competency mentioned in paragraph (b)(i);
- (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 licence

Any one of the following—

- (a) successful completion of the following units of competency—
 - (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iii) Select, procure and store construction materials for building and construction projects CPCCBC4006;
 - (iv) Supervise site communication and administration processes for building and construction projects CPCCBC4008;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009;
- (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 CPP50921 Diploma of Building Design—
 - (i) Evaluate construction materials and methods for Class 2-9 buildings up to two storeys CPPBDN5105;
 - (ii) Determine compliance requirements for Class 2 – 9 buildings up to two storeys CPPBDN5106;
 - (iii) Recommend sustainability solutions for small-scale building design projects CPPBDN5109;
 - (iv) Produce compliant designs for Class 2 – 9 buildings up to two storeys CPPBDN5103;
 - (v) Prepare drawings for planning and building approval for Class 2 – 9 buildings up to two storeys CPPBDN5104, plus the following units of competency -
 - (vi) Assess timber-framed designs for one and two storey buildings CPCCSV5012A;
 - (vii) Apply WHS requirements, policies and procedures in the construction industry CPCCWHS2001;
- (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 CPP50921;
- (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 (Honours) (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:
 - (i) by the Australian Institute of Building Surveyors ACN 004 540 836 or;
 - (ii) by RICS Australasia Pty Ltd ACN 089 873 067; or
 - (iii) that the commission considers is at least equivalent to accreditation by the bodies mentioned in (b)(i) and (b)(ii).

For this licence—

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 Queensland;
- (g) Building Code of Australia and Australian Standards;
- (h) Workplace health and 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 CPC30220;
- (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 CPC30320;
- (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) Either—

- (i) Successful completion of the following units of competency from the Certificate IV in Plumbing and Services CPC40920 —
 - (A) Carry out work-based risk control processes CPCPCM4011;
 - (B) Estimate and cost work CPCPCM4012;
 - (C) Design and size sanitary drainage systems CPCPDR4011;
 - (D) Design and size stormwater drainage systems CPCPDR4012;
 - (E) Design and size domestic treatment plant disposal systems CPCPDR4013;
 - (F) Design and size sanitary plumbing systems CPCPSN4011;
 - (G) Design and size heated and cold-water services and systems

- CPCPWT4011;
- (H) Establish legal and risk management requirements of new business ventures BSBESB402; or
- (ii) 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)(i); and
- (b) Possession of a plumbers and drainers licence issued by the commissioner under the *Plumbing and Drainage Act 2018*, other than a provisional licence.

Part 19 – Drainage licence

- (a) Either—
 - (i) successful completion of the following units of competency from the Certificate IV in Plumbing and Services CPC40920 —
 - (A) Carry out work-based risk control processes CPCPCM4011;
 - (B) Estimate and cost work CPCPCM4012;
 - (C) Design and size sanitary drainage systems CPCPDR4011;
 - (D) Design and size stormwater drainage systems CPCPDR4012;
 - (E) Design and size domestic treatment plant disposal systems CPCPDR4013;
 - (F) Establish legal and risk management requirements of new business ventures BSBESB402; or
 - (ii) 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)(i); and
- (b) Possession of a drainers licence issued by the commissioner under the *Plumbing and Drainage Act 2018*, other than a provisional licence.

Part 20 – Drainage – on-site sewerage facility licence

Maintenance

- (a) Either—
 - (i) successful completion of the following units of competency—
 - (A) Maintain and service domestic treatment plants and onsite sewerage facilities WEP01B.
 - (B) Design and size domestic treatment plant disposal systems CPCPDR4013; or
 - (ii) successful completion of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a)(i); and
- (b) possession of a restricted drainer—on-site sewerage facility licence issued by the commissioner under the *Plumbing and Drainage Act 2018* for maintaining on-site sewerage facilities.

Maintenance and installation

- (a) Either—
- (i) successful completion of the following units of competency-
 - (A) Maintain and service domestic treatment plants and onsite sewerage facilities WEP01B.
 - (B) Design and size domestic treatment plant disposal systems CPCPDR4013.
 - (C) Carry out WHS requirements CPCPCM2043A.
 - (D) Install on-site domestic wastewater treatment plants and disposal systems CPCPDR3023.
 - (E) Establish legal and risk management requirements of new business ventures BSBESB402; or
 - (ii) successful completion of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a); and
 - (b) possession of a restricted drainer—on-site sewerage facility licence issued by the commissioner under the *Plumbing and Drainage Act 2018* for maintaining on-site sewerage facilities and On-site Sewage Treatment Plant (OSTP) installation work.

Part 21 – Irrigation licence

Any one of the following—

- (a) possession of a restricted water plumber—irrigation licence issued by the commissioner under the *Plumbing and Drainage Act 2018*;
- (b) a recognition certificate as a qualified plumber and drainer;
- (c) successful completion of Certificate III in Irrigation Technology AHC32419;
- (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 22A – Fire protection – Passive stream licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Passive Fire Equipment stream 30903QLD; and
- (b) successful completion of either:
 - (i) Certificate III in Carpentry CPC30220; or
 - (ii) Certificate III in Wall and Ceiling Lining CPC31220; and
- (c) successful completion of the following units of competency:
 - (i) Quality assure fire-rated lining systems CPCBC4047A;
 - (ii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039;
 - (iii) Read and interpret plans and specifications CPCBC4012;
 - (iv) Carry out work-based risk control processes CPCPCM4011;
 - (v) Estimate and cost work CPCPCM4012;
 - (vi) Prepare simple drawings CPCPCM3024;

- (vii) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (viii) Plan finances for new business ventures BSBESB403;
 - (ix) Research and develop business plans BSBESB401; or
- (d) successful completion of a course, or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c).

Install and maintain – fire doors and fire shutters

- (a) successful completion of Certificate III in Carpentry CPC30220; including the following units of competency:
- (i) Read and interpret plans and specifications CCCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (b) successful completion of a course, or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Install and maintain – fire collars, fire-rated penetrations and fire-rated joint sealing

- (a) successful completion of either:
- (i) Certificate III in Carpentry CPC30200; or
 - (ii) Certificate III in Wall and Ceiling Lining CPC31220; and
- (b) successful completion of the following units of competency:
- (i) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039;
 - (ii) Read and interpret plans and specifications CCCCBC4012;
 - (iii) Carry out work-based risk control processes CPCPCM4011;
 - (iv) Estimate and cost work CPCPCM4012;
 - (v) Prepare simple drawings CPCPCM3024;
 - (vi) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vii) Plan finances for new business ventures BSBESB403;
 - (viii) Research and develop business plans BSBESB401; or
- (c) successful completion of a course, or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Install and maintain – fire and smoke walls and ceilings

Successful completion of either:

- (a) Certificate III in Carpentry CPC30220, including the following units of competency:
 - (i) Install drywall passive fire-rated systems CPCCWC3003;
 - (ii) Identify, inspect and test fire and smoke doors CPPFES2035;
 - (iii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (b) Certificate III in Wall and Ceiling Lining CPC31220, including the following units of competency:
 - (i) Install drywall passive fire-rated systems CPCCWC3003;
 - (ii) Identify, inspect and test fire and smoke doors CPPFES2035;
 - (iii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; and
- (c) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c).

Inspect and test

Successful completion of either –

- (a) Certificate II in Fire Protection Inspection and Testing CPP20521, including the following units of competency –
 - (i) Identify, inspect and test fire and smoke doors CPPFES2035;
 - (ii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (b) Certificate III in Carpentry CPC30220, including the following units of competency –
 - (i) Install drywall passive fire-rated systems CPCCWC3003;
 - (ii) Quality assure fire-rated lining systems CPCCBC4047A or Prepare a fire protection certification statement or report QLD344REP1A; or
- (c) Certificate III in Wall and Ceiling Lining CPC31220, including the following units of competency –
 - (i) Install drywall passive fire-rated systems CPCCWC303;
 - (ii) Quality assure fire-rated lining systems CPCCBC4047A or Prepare a fire protection certification statement or report QLD344REP1A; and
- (d) successful completion of the following units competency –
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;

- (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (e) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to a course or units of competency mentioned in (a), (b), (c) or (d).

Part 25 – Fire protection – special hazard fire system stream licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Special Hazards stream 30903QLD, and
- (b) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a) or (b).

Install and maintain

- (a) successful completion of Certificate III in Fire Protection CPC32820, including the following units of competency:
 - (i) Read and interpret plans and specifications CPCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401;
 - (viii) Commission and maintain special hazard fire suppression systems CPCPFS4022; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Part 26 – Fire protection – water-based fire system stream licences

Design

- (a) successful completion of Diploma of Fire Systems Design CPC50520, including the following Group A water-based systems elective units of competency:
- (i) Produce 2-D architectural drawings using design software CPCPCM4013;
 - (ii) Develop plans and methodology for fire systems design projects CPCSFS5003;
 - (iii) Create detailed designs for fire sprinkler systems CPCSFS5006;
 - (iv) Create detailed designs for hydrant and hose reel systems CPCSFS5007;
 - (v) Create detailed designs for fire systems' water supplies CPCSFS5009;
 - (vi) Provide documentation and support for fabrication of fire sprinkler systems CPCSFS5010;
 - (vii) Provide design documentation and review and support fire system installation processes CPCSFS5011;
 - (viii) Support commissioning processes and finalise fire systems design projects CPCSFS5013; and
- (b) successful completion of the following units of competency:
- (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BEBESB401; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) and (b).

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Hydrants, Hose reels, Sprinklers and Pump-Sets stream 30903QLD, and
- (b) successful completion of the following units of competency:
- (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Install and maintain

- (a) successful completion of Certificate III in Fire Protection CPC32820, including the following units of competency:
- (i) Conduct basic functional testing of water-based fire-suppression systems CPCPFS3040;
 - (ii) Conduct functional water flow testing CPCPFS3043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024;
 - (v) Read and interpret plans and specifications CPCCBC4012;
 - (vi) Carry out work-based risk control processes CPCPCM4011;
 - (vii) Estimate and cost work CPCPCM4012;
 - (viii) Prepare simple drawings CPCPCM3024;
 - (ix) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (x) Plan finances for new business ventures BSBESB403;
 - (xi) Research and develop business plans BSBESB401;
 - (xii) Commission fire system pumpsets CPCPFS4023;
 - (xiii) Commission fire sprinkler systems CPCPFS4027; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Install and maintain – restricted to commercial and industrial types

- (a) successful completion of Certificate III in Fire Protection CPC32820, including the following units of competency:
- (i) Conduct basic functional testing of water-based fire-suppression systems CPCPFS3040;
 - (ii) Conduct functional water flow testing CPCPFS3043;
 - (iii) Read and interpret plans and specifications CPCCBC4012;
 - (iv) Carry out work-based risk control processes CPCPCM4011;
 - (v) Estimate and cost work CPCPCM4012;
 - (vi) Prepare simple drawings CPCPCM3024;
 - (vii) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (viii) Plan finances for new business ventures BSBESB403;
 - (ix) Research and develop business plans BSBESB401;
 - (x) Commission fire system pumpsets CPCPFS4023;
 - (xi) Commission fire sprinkler systems CPCPFS4027; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to a course or units of competency mentioned in paragraph (a).

Install and maintain – restricted to domestic and residential types

Successful completion of either:

- (a) Certificate III in Fire Protection CPC32820, including the following units of competency:
 - (i) Install residential life safety sprinkler systems CPCPFS3037;
 - (ii) Carry out WHS requirements CPCPCM2043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024; or
- (b) Certificate III in Plumbing CPC32413, including the following units of competency:
 - (i) Install residential life safety sprinkler systems CPCPFS3037;
 - (ii) Carry out WHS requirements CPCPCM2043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024; and
- (c) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401;
 - (viii) Commission fire system pumpsets CPCPFS4023;
 - (ix) Commission fire sprinkler systems CPCPFS4027; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c).

Part 29 – Fire protection – portables stream licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Firefighting Appliances stream 30903QLD; and
- (b) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (c) a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Install and maintain

- (a) successful completion of Certificate II in Fire Protection Inspection and Testing CPP20521, including the following units of competency:
- (i) Inspect and test fire hose reels CPPFES2010;
 - (ii) Install portable fire extinguishers, fire cabinets and fire blankets CPPFES2011;
 - (iii) Conduct routine inspection and testing of fire extinguishers and fire blankets CPPFES2020;
 - (iv) Inspect, test and maintain fire extinguishers CPPFES2021;
 - (v) Inspect and test fire hydrant systems CPPFES2037;
 - (vi) Read and interpret plans and specifications CPCCBC4012;
 - (vii) Carry out work-based risk control processes CPCPCM4011;
 - (viii) Estimate and cost work CPCPCM4012;
 - (ix) Prepare simple drawings CPCPCM3024;
 - (x) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (xi) Plan finances for new business ventures BSBESB403;
 - (xii) Research and develop business plans BSBESB401;
 - (xiii) Commission firefighting appliances CPCPFS4026; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Part 31 – Fire protection – electrical stream licences

Design – fire alarm systems

- (a) successful completion of Diploma of Fire Systems Design CPC50520, including the following Group B detection and warning systems elective units of competency:
- (i) Produce 2-D architectural drawings using design software CPCPCM4013;
 - (ii) Develop plans and methodology for fire systems design projects CPCSFS5003;
 - (iii) Create detailed designs for fire detection and warning systems CPCSFS5008;
 - (iv) Provide design documentation and review and support fire system installation processes CPCSFS5011;
 - (v) Support commissioning processes and finalise fire systems design projects CPCSFS5013; and
- (b) successful completion of the following units of competency:
- (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Certify – fire alarm systems

- (a) successful completion of Certificate IV in Fire Systems Compliance – Fire Detection Systems stream 30903QLD; and
- (b) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCPCB4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency listed in paragraph (a) or (b).

Certify – emergency lighting

- (a) successful completion of Certificate IV in Fire Systems Compliance – Fire Detection Systems stream 30903QLD; and
- (b) successful completion of the following units of competency:
 - (i) Provide photometric data for illumination system design UEEEL0063;
 - (ii) Select effective and efficient light sources and luminaries for given locations and designs UEEEL0070;
 - (iii) Read and interpret plans and specifications CPCPCB4012;
 - (iv) Carry out work-based risk control processes CPCPCM4011;
 - (v) Estimate and cost work CPCPCM4012;
 - (vi) Prepare simple drawings CPCPCM3024;
 - (vii) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (viii) Plan finances for new business ventures BSBESB403;
 - (ix) Research and develop business plans BSBESB401;
 - (x) Design effective and efficient lighting for residential and commercial buildings UEEEL0036; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Install and maintain – fire alarm systems

- (a) Either:
 - (i) successful completion of Certificate III in Fire Protection Control UEE31020; or
 - (ii) possession of an electrical mechanic licence, plus successful completion of the following units of competency:
 - (i) install fire detection and warning system apparatus UEEEC0041;
 - (ii) Verify compliance and functionality of fire protection system installations UEEEC0076;
 - (iii) Enter and verify programs for fire protection systems UEEEC0026;
 - (iv) Install and maintain cabling for multiple access to telecommunication services UEEDV0005;

- (v) Prevent ozone depleting substance and synthetic greenhouse gas emissions CPPFES2043A;
- (vi) Repairs basic electronic apparatus faults by replacement of components UEEEC0060; and
- (b) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401;
 - (viii) Commission fire alarm and detection systems interface devices CPCPFS4025;
 - (ix) Commission large fire protection systems UEEE0008; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Inspect and test – emergency lighting

- (a) successful completion of Certificate III in Fire Protection Control UEE31020, including the following unit of competency:
 - (i) Inspect and test emergency and exit lighting systems CPPFES2026; or
 - (b) possession of an electrical mechanic licence; and
- (c) successful completion of the following units of competency:
 - (i) Read and interpret plans and specifications CPCCBC4012;
 - (ii) Carry out work-based risk control processes CPCPCM4011;
 - (iii) Estimate and cost work CPCPCM4012;
 - (iv) Prepare simple drawings CPCPCM3024;
 - (v) Establish legal and risk management requirements of new business ventures BSBESB402;
 - (vi) Plan finances for new business ventures BSBESB403;
 - (vii) Research and develop business plans BSBESB401; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (c).

Part 33 – Fire safety professional licence

Possession of a building surveying accreditation issued by either:

- (a) the Australian Institute of Building Surveyors ACN 004 540 836; or
- (b) RICS Australasia Pty Ltd ACN 089 873 067.

Part 34 – 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 Carpentry CPC30220;
 - (iii) Certificate III in Flooring Technology MSF30818;
- (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 35 – Foundation work (piling and anchors) licence

Any one of the following—

- (a) successful completion of the course Certificate III in Civil Foundations RII31220;
- (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 36 – Gasfitting licence

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

For this licence—

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

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 37 – 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 MSF30418;
- (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 38 – Hydraulic services design licences

Hydraulic services design

- (a) successful completion of a Diploma of Hydraulic Services Design CPC50620 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 WEP02A or a unit of competency the commission considers is at least equivalent to WEP02A unit of competency.

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

Successful completion of a Diploma of Hydraulic Services Design CPC50620 or a qualification the commission considers is at least equivalent to the diploma.

Part 39 – 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 CPC31920;
 - (iii) Certificate III in Carpentry CPC30220;
- (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 40 – 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 MEM30319;
- (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 41 – 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) possession of a plumbers and drainers licence issued by the commissioner under the *Plumbing and Drainage Act 2018*;
- (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 42 – Metal fascias and gutters 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 Carpentry CPC30220;
- (b) successful completion of the following units of competency —
 - (i) Conduct workplace communication CPCCOM1014;
 - (ii) Work effectively and sustainably in the construction industry CPCCOM1012;
 - (iii) Apply WHS requirements, policies and procedures in the construction industry CPCCWHS2001;
 - (iv) Plan and organise work CPCCOM1013;
 - (v) Read and interpret plans and specifications CPCCOM2001;
 - (vi) Carry out measurements and calculations CPCCOM1015;
 - (vii) Use construction tools and equipment CPCCCM2005;
 - (viii) Erect and dismantle restricted height scaffolding CPCCCM2008;
 - (ix) Handle construction materials CPCCCM2004;
 - (x) Operate elevated work platforms up to 11 metres CPCCCM3001;
 - (xi) Carry out levelling CPCPCM2047;
 - (xii) Fabricate and install roof drainage systems CPCPRF3022;
 - (xiii) Fabricate and install external flashings CPCPRF3023;
 - (xiv) Cut and join sheet metal CPCPCM2048;
 - (xv) Read plans, calculate quantities and mark out materials CPCPCM2040;
 - (xvi) Provide basic emergency life support HLTAID010;
 - (xvii) Work safely on roofs CPCPCM2055;
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (d) possession of a plumbers and drainers licence issued by the commissioner under the *Plumbing and Drainage Act 2018*;
- (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 43 – 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 CPC32620;
 - (iii) Certificate III in Carpentry CPC30220;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) possession of a plumbers and drainers licence issued by the commissioner under the *Plumbing and Drainage Act 2018*;
- (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 44 – 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 CPCCSP3003;
 - (ii) Certificate III in Painting and Decorating CPC30620 and Apply trowelled texture coat finishes CPCCSP3003;
- (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 CPCCSP3003;
- (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 CPC30620;
- (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 45 – 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 CPC31220;
- (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 46 – 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 CPCCPD3022;
 - (ii) Certificate III in Solid Plastering CPC31020 including the unit of competency Apply paint by brush and roller CPCCPD3022;
- (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 CPCCPD3022;
- (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 CPC31020;
- (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 47 – Mechanical services – medical gas licence

- (a) successful completion of one of the following –
 - (i) Certificate III in Plumbing Mechanical Services CPC32513;
 - (ii) Certificate III in Plumbing CPC32413;
 - (iii) Certificate III in Gas Fitting CPC32713;
 - (iv) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
 - (v) a qualification or statement of attainment of required competency for the class of licence; and
- (b) successful completion of the following units of competency –
 - (i) Install medical gas pipeline system CPCPMS3034A; and
 - (ii) Carry out WHS requirements CPCPCM2043A; or
 - (iii) successful completion of units of competency the commission considers is at least equivalent to the units of competency mentioned in paragraph (b).

Part 48 – Mechanical services – plumbing services

Any one of the following –

- (a) successful completion of Certificate III in Plumbing CPC32413, including the following units of competency –
 - (i) Operate elevated work platforms up to 11 metres CPCCCM3001;
 - (ii) Assemble mechanical services components CPCPMS2021A;
 - (iii) Fabricate/install steel pressure piping CPCPMS3031A;
 - (iv) Install small bore heating systems CPCPMS3033A;
 - (v) Install/test ducting systems CPCPMS3035A;
 - (vi) Select/fit insulation/sheathing CPCPMS3032A;
 - (vii) Install air handling units CPCPMS3036A;
 - (viii) Install air conditioning control equipment CPCPMS3038A;
 - (ix) Maintain mechanical services equipment CPCPMS3039A;
 - (x) Perform routine gas tungsten arc welding MEM05049;
 - (xi) Perform routine gas metal arc welding MEM05050; or
- (b) Certificate III in Plumbing Mechanical Services CPC32513;
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a) or (b);
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 48A – Mechanical services – air-conditioning and refrigeration (unlimited design) licence

Contractor and nominee supervisor licences

Any one of the following—

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

Site supervisor licences

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 MEM30205;
 - (iii) Certificate III in Air Conditioning and Refrigeration UEE32211;
- (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 refrigeration and air conditioning mechanic;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 48B – Mechanical services – air-conditioning and refrigeration (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 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 49 – 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 CPC30220;
- (b) successful completion of the following units of competency—
 - (i) Conduct workplace communication CPCCOM1014;
 - (ii) Apply WHS requirements, policies and procedures in the construction industry CPCCWHS2001;
 - (iii) Plan and organise work CPCCOM1013;
 - (iv) Read and interpret plans and specifications CPCCOM2001;
 - (v) Carry out measurements and calculations CPCCOM1015;
 - (vi) Use construction tools and equipment CPCCCM2005;
 - (vii) Erect and dismantle restricted height scaffolding CPCCCM2008;
 - (viii) Carry out levelling operations CPCCOM3006;
 - (ix) Carry out hand excavation CPCCCM2002;
 - (x) Carry out concreting to simple forms CPCCCO2013;
 - (xi) Handle carpentry materials CPCCCA2011;
 - (xii) Carry out setting out CPCCCA3002;
 - (xiii) Cut and join sheet metal CPCPCM2048;

- (xiv) Install windows and doors CPCCCA3010;
 - (xv) Fabricate and install external flashings CPCPRF3023;
 - (xvi) Flash penetrations through roofs and walls CPCPCM3021;
 - (xvii) Select and install roof sheeting and wall cladding CPCPRF2022;
- (c) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a) or (b)
 - (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 50 – 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 CPC30120;
- (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 51 – Site classifier licences

Site classifier

Any one of the following—

- (a) successful completion of—
 - (i) Certificate III in Laboratory Skills MSL30118 including the units of competency classify soils MSL974028 and classify building sites MSL975055;
 - (ii) 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 WEP02A or a competency the commission considers is at least equivalent to the WEP02A unit of competency.

Site classifier excluding on-site domestic waste water management

Any one of the following—

- (a) successful completion of Certificate III in Laboratory Skills MSL30118 including the units of competency classify soils MSL974028 and classify building sites MSL975055;
- (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.

Part 52 – Steel fixing licence

Any one of the following—

- (a) successful completion of either of the following courses—
 - (i) Certificate III in Steel fixing CPC31120;
 - (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 53 – 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 CPC32320;
- (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 54 – 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 AHC30916 —
 - (i) Contribute to work health and safety processes AHCWHS301;
 - (ii) Set out site for construction works AHCLSC301;
 - (iii) Construct landscape features using concrete AHCLSC302;
 - (iv) Construct brick and block structures and features AHCLSC303;
 - (v) Construct stone structures and features AHCLSC305;
 - (vi) Implement a paving project AHCLSC306;
 - (vii) Implement a retaining wall project AHCLSC307;
 - (viii) Provide information on plants and their culture AHPCPM306;
 - (ix) Implement a plant establishment program AHCPGD301;

- (x) Implement soil improvements for garden and turf areas AHCSOL304; plus the following units of competency:
 - (xi) Cost a project AHCBUS407;
 - (xii) Install drainage systems AHCDRG305;
 - (xiii) Erect timber structures and features AHCLSC304;
 - (xiv) Install metal structures and features AHCLSC308; and
 - (xv) Install water features AHCLSC309;
- (b) successful completion of Certificate III in Carpentry CPC30220;
- (c) successful completion of Certificate III in Bricklaying and Blocklaying CPC33020;
- (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 55 – Swimming pool construction, installation and maintenance licence

Swimming pool construction, installation and maintenance (construction)

- (a) successful completion of the following units of competency from Certificate IV in Swimming Pool and Spa Building CPC40820 —
 - (i) Manage work health and safety in the building and construction workplace CCCCBC4002;
 - (ii) Select, prepare and administer a construction contract CCCCBC4003;
 - (iii) Identify and produce estimated costs for building and construction projects CCCCBC4004;
 - (iv) Produce labour and material schedules for ordering CCCCBC4005;
 - (v) Plan building and construction work CCCCBC4007;
 - (vi) Read and interpret plans and specifications CCCCBC4012;
 - (vii) Resolve business disputes CCCCBC4024;
 - (viii) Select, procure and store construction materials for swimming pools and spa projects CPCSPS4002;
 - (ix) Manage finances for new business ventures BSBESB407; plus the following units of competency:
 - (x) Supervise site communication and administration processes CCCCBC4008;
 - (xi) Apply legal requirements to building and construction projects CCCCBC4009;
 - (xii) Prepare simple building sketches and drawings CPPBC4014;
 - (xiii) Apply site surveys and set-out procedures to building and construction projects CCCCBC4018;
 - (xiv) Apply codes and standards to building trade and services contracting CCCCBC4034A;
 - (xv) Apply building codes and standards to the construction process for swimming pools and spas CCCCBC4048A;
 - (xvi) Apply structural principles to construction of swimming pools and spas CCCCBC4049A;
 - (xvii) Prepare to work safely in the construction industry CPCWHS1001;
 - (xviii) Deliver and monitor a service to customers BSBOPS304;
- (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);

Swimming pool construction, installation and maintenance (installation)

- (a) successful completion of the following units of competency from Certificate IV in Swimming Pool and Spa Building CPC40820 —
- (i) Manage work health and safety in the building and construction workplace CPCCBC4002;
 - (ii) Select, prepare and administer a construction contract CPCCBC4003;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004;
 - (iv) Produce labour and material schedules for ordering CPCCBC4005;
 - (v) Plan building and construction work CPCCBC4007;
 - (vi) Read and interpret plans and specifications CPCCBC4012;
 - (vii) Resolve business disputes CPCCBC4024;
 - (viii) Select, procure and store construction materials for swimming pools and spa projects CPCSPS4002;
 - (ix) Manage finances for new business ventures BSBESB407, plus the following units of competency:
 - (x) Supervise site communication and administration processes CPCCBC4008;
 - (xi) Apply legal requirements to building and construction projects CPCCBC4009;
 - (xii) Prepare simple building sketches and drawings CPCCBC4014;
 - (xiii) Apply site surveys and set-out procedures to building and construction projects CPCCBC4018;
 - (xiv) Apply codes and standards to building trade and services contracting CPCCBC4034A;
 - (xv) Apply building codes and standards to the construction process for swimming pools and spas CPCCBC4048A;
 - (xvi) Apply structural principles to construction of swimming pools and spas CPCCBC4049A;
 - (xvii) Prepare to work safely in the construction industry CPCCWHS1001;
 - (xviii) Deliver and monitor a service to customers BSBOPS304;
- (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)

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

- (a) successful completion of the following units of competency from Certificate III in Swimming Pool and Spa Service CPP31218 –
- (i) Organise personal work priorities BSBPEF301;
 - (ii) Complete client documentation CPPCMN3005;
 - (iii) Prepare for professional practice in real estate CPPFEP401;
 - (iv) Handle, transport and store swimming pool and spa chemicals safely CPPSPS3001;
 - (v) Perform basic swimming pool and spa measurements and calculations CPPSPS3002;
 - (vi) Maintain swimming pools and spas CPPSPS3003;
 - (vii) Maintain swimming pool and spa water circulation and filtration systems CPPSPS3004;
 - (viii) Maintain swimming pool and spa dosing systems CPPSPS3005;
 - (ix) Maintain swimming pool and spa cleaning and vacuuming systems

CPPSPS3006;

- (x) Work in the swimming pool and spa servicing industry CPPSPS3008;
 - (xi) Test pool water quality SISCAQU001;
 - (xii) Develop and implement pool water maintenance procedures SISCAQU004;
 - (xiii) Apply WHS requirements, policies and procedures in the construction industry CPCCWHS2001;
 - (xiv) Maintain swimming pool and spa heating systems CPPSPS3007;
 - (xv) Maintain swimming pool and spa stock CPPSPS3009;
 - (xvi) Sell swimming pool and spa products and services CPPSPS3010;
 - (xvii) Use and maintain business technology related to swimming pool and spa servicing CPPSPS3011;
 - (xviii) Access and apply information from swimming pool and spa technical manuals CPPSPS3012;
- (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 56 – Termite management—chemical licence

Possession of a licence for pest control activities including activities for timber pests under the *Pest Management Act 2001*.

Part 57 – 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 termite management systems CPPUPM3042 from Certificate III in Urban Pest Management CPP30119.

Part 58 – 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 CPC30820;
- (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 59 – 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 CPC31320;
- (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 60 – Waterproofing licence

Any one of the following—

- (a) Certificate III in Construction Waterproofing CPC31420;
- (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 3 of the QBCC Regulation – fire protection occupational licences

Part 1A – Fire protection – passive stream occupational licences

Certify

Successful completion of:

- (a) Certificate IV in Fire Systems Compliance – Passive Fire Equipment stream 30903QLD; and
- (b) either of the following:
 - (i) Certificate III in Carpentry CPC30220; or
 - (ii) Certificate III in Wall and Ceiling Lining CPC31220; and
- (c) the following units of competency:
 - (i) Quality assure fire-rated lining systems CCCCBC4047A;
 - (ii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c)

Install and maintain – fire doors and fire shutters

- (a) successful completion of Certificate III in Carpentry CPC30220; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Install and maintain – fire collars, fire-rated penetrations and fire-rated joint sealing

Successful completion of either:

- (a) Certificate III in Carpentry CPC30220; or
- (b) Certificate III in Wall and Ceiling Lining CPC31220; and
- (c) the following unit of competency:
 - (i) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c).

Install and maintain – fire and smoke walls and fire-rated ceilings

Successful completion of either:

- (a) Certificate III in Carpentry CPC30220, including the following units of competency:
 - (i) Install dry wall passive fire-rated systems CPCCWC3003;
 - (ii) Identify, inspect and test fire and smoke doors CPPFES2035;
 - (iii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (b) Certificate III in Wall and Ceiling Lining CPC31220, including the following units of competency:
 - (i) Install dry wall passive fire-rated systems CPCCWC3003;
 - (ii) Identify, inspect and test fire and smoke doors CPPFES2035;
 - (iii) Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Inspect and test

Successful completion of either:

- (a) Certificate II in Fire Protection Inspection and Testing CPP20521, including the following units of competency:
 - (i) Identify, inspect and test passive fire smoke doors CPPFES2035;
 - (ii) Identify, inspect and test passive fire and smoke containment product CPPFES2039; or
- (b) Certificate III in Carpentry CPC30220, including the following units of competency –
 - (i) Install dry wall passive fire-rated systems CPCCWC3003;
 - (ii) Quality assure fire-rated lining systems CPCCBC4047A or Prepare a fire protection certification statement or report QLD344REP1A; or
- (c) Certificate III in Wall and Ceiling Lining CPC31220, including the following units of competency –
 - (i) Install dry wall passive fire-rated systems CPCCWC3003;
 - (ii) Quality assure fire-rated lining systems CPCCBC4047A or Prepare a fire protection certification statement or report QLD344REP1A; or
- (d) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a), (b) or (c).

Part 4 – Fire protection – special hazard fire system stream occupational licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Special Hazards stream 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 Certificate III in Fire Protection CPC32820; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Part 5 – Fire protection – water based fire system stream occupational licences

Design

- (a) successful completion of Diploma of Fire Systems Design CPC50520, including the following Group A water-based systems elective units of competency:
 - (i) Produce 2-D architectural drawings using design software CPCPCM4013;
 - (ii) Develop plans and methodology for fire systems design projects CPCSFS5003;
 - (iii) Create detailed designs for fire sprinkler systems CPCSFS5006;
 - (iv) Create detailed designs for hydrant and hose reel systems CPCSFS5007;
 - (v) Create detailed designs for fire systems' water supplies CPCSFS5009;
 - (vi) Provide documentation and support for fabrication of fire sprinkler systems CPCSFS5010;
 - (vii) Provide design documentation and review and support fire system installation processes CPCSFS5011;
 - (viii) Support commissioning processes and finalise fire systems design projects CPCSFS5013; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Certify

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

Install and maintain

- (a) successful completion of Certificate III in Fire Protection CPC32820, including the following units of competency:
 - (i) Conduct basic functional testing of water-based fire-suppression systems CPCPFS3040;
 - (ii) Conduct functional water flow testing CPCPFS3043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Install and maintain – restricted to commercial and industrial systems

- (a) successful completion of Certificate III in Fire Protection CPC32820, including the following units of competency:
 - (i) Conduct basic functional testing of water-based fire-suppression systems CPCPFS3040;
 - (ii) Conduct functional water flow testing CPCPFS3043; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to a course or units of competency mentioned in paragraph (a).

Install and maintain – restricted to domestic and residential systems

Successful completion of either:

- (a) Certificate III in Fire Protection CPC32820, including the following units of competency:
 - (i) Install residential life safety sprinkler systems CPCPFS3037;
 - (ii) Carry out WHS requirements CPCPCM2043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024; or
- (b) Certificate III in Plumbing CPC32413, including the following units of competency:
 - (i) Install residential life safety sprinkler systems CPCPFS3037;
 - (ii) Carry out WHS requirements CPCPCM2043;
 - (iii) Commission domestic and residential fire suppression sprinkler systems CPCPFS4021;
 - (iv) Design residential fire sprinkler systems CPCPFS4024; or
- (c) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a) or (b).

Part 8 – Fire protection – portables stream occupational licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance – Firefighting Appliances stream 30903QLD; or
- (b) a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Install and maintain

- (a) successful completion of Certificate II in Fire Protection Inspection and Testing CPP20521, including the following units of competency:
 - (i) Inspect and test fire hose reels CPPFES2010;
 - (ii) Install portable fire extinguishers, fire cabinets and fire blankets CPPFES2011;
 - (iii) Conduct routine inspection and testing of fire extinguishers and fire blankets CPPFES2020;
 - (iv) Inspect, test and maintain fire extinguishers CPPFES2021;
 - (v) Inspect and test fire hydrant systems CPPFES2037; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a).

Part 10 – Fire protection – electrical stream occupational licences

Design – fire detection, alarm and warning systems

- (a) successful completion of Diploma of Fire Systems Design CPC50520, including the following Group B detection and warning systems elective units of competency:
 - (i) Produce 2-D architectural drawings using design software CPCPCM4013;
 - (ii) Develop plans and methodology for fire systems design projects CPCSFS5003;
 - (iii) Create detailed designs for fire detection and warning systems CPCSFS5008;
 - (iv) Provide design documentation and review and support fire system installation processes CPCSFS5011;
 - (v) Support commissioning processes and finalise fire systems design projects CPCSFS5013; or
- (b) Successful completion of a course or units of competency of a course, the commission considers is at least relevant to a course or units of competency mentioned in paragraph (a).

Certify – fire alarm systems

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

Certify – emergency lighting

- (a) successful completion of Certificate IV in Fire Systems Compliance – Fire Detection Systems stream 30903QLD, including the following units of competency:
 - (i) Provide photometric data for illumination system design UEEEL0063;
 - (ii) Select effective and efficient light sources and luminaries for given locations and designs UEEEL0070; or

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

Install and maintain – fire alarm systems

Either:

- (a) successful completion of Certificate III in Fire Protection Control UEE31020;
- (b) possession of an electrical mechanic licence; or
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a) or (b).

Inspect and test – emergency lighting

- (a) successful completion of Certificate III in Fire Protection Control UEE31020, including the following units of competency:
 - (i) Inspect and test emergency and exit lighting systems CPPFES2026; or
- (b) successful completion of a course or units of competency of a course, the commission considers is at least equivalent to the course or units of competency mentioned in paragraph (a); or
- (c) possession of an electrical mechanic licence

Part 12 – Fire safety professional occupational licence

Possession of a building surveying accreditation issued by either–

- (a) the Australian Institute of Building Surveyors ACN 004 540 836; or
- (b) RICS Australasia Pty Ltd ACN 089 873 067.

Technical qualifications for Schedule 3A of the QBCC Regulation – mechanical services occupational licences

Part 1 – Mechanical services – medical gas occupational licence

- (a) successful completion of one of the following –
 - (i) Certificate III in Plumbing Mechanical Services CPC32513;
 - (ii) Certificate III in Plumbing CPC32413;
 - (iii) Certificate III in Gas Fitting CPC32713;
 - (iv) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
 - (v) a qualification or statement of attainment of required competency for the class of licence; and
- (b) successful completion of the following units of competency –
 - (i) Install medical gas pipeline system CPCPMS3034A; and
 - (ii) Carry out WHS requirements CPCPCM2043A; or
 - (iii) successful completion of units of competency the commission considers is at least equivalent to the units of competency mentioned in paragraph (b).

Part 2 – Mechanical services – plumbing occupational licence

Any of the following:

- (a) successful completion of Certificate III in Plumbing CPC32413, including the following units of competency –
 - (i) Operate elevated work platforms up to 11 metres CPCCCM3001;
 - (ii) Assemble mechanical services components CPCPMS2021A;
 - (iii) Fabricate/install steel pressure piping CPCPMS3031A;
 - (iv) Install small bore heating systems CPCPMS3033A;
 - (v) Install/test ducting systems CPCPMS3035A;
 - (vi) Select/fit insulation/sheathing CPCPMS3032A;
 - (vii) Install air handling units CPCPMS3036A;
 - (viii) Install air conditioning control equipment CPCPMS3038A;
 - (ix) Maintain mechanical services equipment CPCPMS3039A;
 - (x) Perform routine gas tungsten arc welding MEM05049;
 - (xi) Perform routine gas metal arc welding MEM05050; or
- (b) Certificate III in Plumbing Mechanical Services CPC32513;
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a) or (b);
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 3 – Mechanical services – air-conditioning and refrigeration occupational 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 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.