

Technical qualifications for licensing

Queensland Building and Construction Commission licence requirements

6 May 2020

Document history

Version number	Date of publication	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V3	28 May 2019	Removal of incorrect and correction of competencies, update of details for superseded competency codes, and correction of administrative errors since publication of V2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

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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 Housing 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 22 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 MEM20205;
 - (ii) an apprenticeship in engineering fabrication (sheetmetal working);
 - (iii) Certificate III in Engineering – Fabrication Trade MEM30305;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified Sheetmetal Worker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 2 – Brick and segmental paving licence

Any one of the following—

- (a) successful completion of any of the following courses—
 - (i) an apprenticeship in bricklaying and blocklaying;
 - (ii) Certificate III in Bricklaying/Blocklaying CPC30111;
 - (iii) Certificate III in Paving CPC31611;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified bricklayer and blocklayer;
- (d) a qualification or statement of attainment of required competency for the class of licence including the following units of competency, or units of competency the commission considers are at least equivalent to the following units of competency—
 - (i) Conduct workplace communication CPCCCM1014A;
 - (ii) Work effectively and sustainably in the construction industry CPCCCM1012A;
 - (iii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
 - (iv) Plan and organise work CPCCCM1013A;
 - (v) Read and interpret plans and specifications CPCCCM2001A;
 - (vi) Carry out measurements and calculations CPCCCM1015A;
 - (vii) Use construction tools and equipment CPCCCM2005B;
 - (viii) Use bricklaying and blocklaying tools and equipment CPCCBL2002A;
 - (ix) Use and maintain concreting plant, tools and equipment CPCCCO2022A;
 - (x) Erect and dismantle restricted height scaffolding CPCCCM2008B;
 - (xi) Apply basic levelling procedures CPCCCM2006;
 - (xii) Carry out concreting to simple forms CPCCCO2013A;
 - (xiii) Handle construction materials CPCCCM2004A;
 - (xiv) Handle and prepare bricklaying and blocklaying materials CPCCBL2001A;
 - (xv) Handle concreting materials CPCCCO2021A;
 - (xvi) Carry out basic demolition CPCCCM2009A;
 - (xvii) Place and fix reinforcement materials CPCCSF2004A;
 - (xviii) Erect and dismantle formwork for footings and slabs on ground CPCCCA2003A;
 - (xix) Carry out concrete work CPCCCO2014A;
 - (xx) Carry out setting out CPCCCA3002A;
 - (xxi) Lay paving CPCCBL3001A.

Part 3 – Bricklaying and blocklaying licence

Any one of the following—

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

Part 4 – Builder—low rise licence

Contractor and nominee supervisor licences

Any one of the following—

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

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

Part 5 – Builder—medium rise licence

Contractor and nominee supervisor licences

Any one of the following—

- (a) successful completion of Diploma of Building and Construction (Building) CPC50210;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a builder qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Site supervisor 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 medium rise building projects CPCCBC5001B;
 - (ii) Supervise and apply quality standards to the selection of building and construction materials CPCCBC5004A;
 - (iii) Select and manage building and construction contractors CPCCBC5005A;
 - (iv) Apply site surveys and set-out procedures to medium rise building projects CPCCBC5006B;
 - (v) Apply structural principles to the construction of medium rise buildings CPCCBC5018A;
 - (vi) Identify services layout and connection methods to medium rise construction projects CPCCBC5009A;
 - (vii) Manage construction work CPCCBC5010B;
- (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) CPC60212;
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified builder to carry out the scope of work for the licence class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Builder—project management services 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 CPCCBC6001B;
 - (ii) Manage processes for complying with legal obligations of a building or construction contractor CPCCBC6018A;
 - (iii) Apply structural principles to the construction of large, high rise and complex buildings CPCCBC6014A;
 - (iv) Assess construction faults in large building projects CPCCBC6016A;
- (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 (Building) CPC40110—
 - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Select and prepare a construction contract CPCCBC4003A;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iv) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (v) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (vi) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (vii) Manage small business finances BSBSMB421;
- (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 occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

Part 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 (Building) CPC40110—
 - (i) Apply building codes and standards to the construction process for low rise building projects CPCCBC4001A;
 - (ii) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (iii) Select and prepare a construction contract CPCCBC4003A;
 - (iv) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (v) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (vi) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (vii) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (viii) Apply structural principles to commercial low rise constructions CPCCBC4011B;
 - (ix) Manage small business finances BSBSMB421;
- (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 occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (vi) Apply structural principles to commercial low rise constructions CPCCBC4011B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

Part 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 (Building) CPC40110—
 - (A) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (B) Select and prepare a construction contract CPCCBC4003A;
 - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (D) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (E) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (F) Apply legal requirements to building and construction projects CPCCBC4009B;

- (G) Manage small business finances BSBSMB421; 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 MST30216; or
 - (iii) Certificate III in Carpentry CPC30211; 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 (Building) CPC40110—
 - (A) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (B) Select and prepare a construction contract CPCCBC4003A;
 - (C) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (D) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (E) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (F) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (G) Manage small business finances BSBSMB421; 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 CPC30211; 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 occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iii) Select, procure and store construction materials for low rise projects CPCCBC4006B;
 - (iv) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (v) Apply legal requirements to building and construction projects CPCCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

Part 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 (Building) CPC40110—
 - (i) Manage occupational health and safety in the building and construction workplace CPOCBC4002A;
 - (ii) Select and prepare a construction contract CPOCBC4003A;
 - (iii) Identify and produce estimated costs for building and construction projects CPOCBC4004A;
 - (iv) Select, procure and store construction materials for low rise projects CPOCBC4006B;
 - (v) Conduct on-site supervision of building and construction projects CPOCBC4008B;
 - (vi) Apply legal requirements to building and construction projects CPOCBC4009B;
 - (vii) Manage small business finances SBSMB421;
- (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 AHCBUS503;
 - (C) Prepare estimates, quotes and tenders AHCBUS504;
 - (D) Prepare a landscape design AHCDSE502;
 - (E) Manage work health and safety processes AHCWHS501;
 - (F) Survey and establish site levels AHCLSC501;
 - (G) Provide specialist advice to clients AHCWRK509;
 - (H) Prepare and monitor budgets and financial reports AHCBUS508; and
 - (ii) the following units of competency from Certificate IV in Building and Construction (Building) CPC40110—
 - (A) Conduct on-site supervision of building and construction projects CPOCBC4008B;
 - (B) Apply legal requirements to building and construction projects CPOCBC4009B
- (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 occupational health and safety in the building and construction workplace CPOCBC4002A;
 - (ii) Identify and produce estimated costs for building and construction projects CPOCBC4004A;
 - (iii) Select, procure and store construction materials for low rise projects CPOCBC4006B;
 - (iv) Conduct on-site supervision of building and construction projects CPOCBC4008B;
 - (v) Apply legal requirements to building and construction projects CPOCBC4009B;
- (b) successful completion of a course or units of competency of a course the commission considers is at least equivalent to the units of competency mentioned in paragraph (a).

Part 11 – Building design—low rise licence

Any one of the following—

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

Part 12 – Building design—medium rise licence

Any one of the following—

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

Part 13 – Building design—open licence

Any one of the following—

- (a) successful completion of any of the following courses—
 - (i) Bachelor of Design (Architectural Studies) DE42 (QUT);
 - (ii) Bachelor of Building Design CU65 (CQU);
- (b) successful completion of a course or modules of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a building designer qualified to carry out the scope of work for the class;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 14 – Completed residential building inspection licence

Completion of an approved completed building inspectors course and—

- (a) a current licence in one of the following licence classes—
 - (i) builder—low rise;
 - (ii) builder—medium rise;
 - (iii) builder—open; or
- (b) accreditation as a building surveyor, assistant building surveyor or building surveyor technician:
 - (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 CPC30211;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified carpenter;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 17 – Concreting licence

Any one of the following—

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

Part 18 – Plumbing and drainage licence

(a) Either—

- (i) Successful completion of the following units of competency from the Certificate IV in Plumbing and Services CPC40912—
 - (A) Carry out work based risk control processes CPCPCM4011A
 - (B) Estimate and cost work CPCPCM4012A.
 - (C) Design and size sanitary drainage systems CPCPDR4011B.
 - (D) Design and size stormwater drainage systems CPCPDR4012B
 - (E) Design and size domestic treatment plant disposal systems CPCPDR4013B.
 - (F) Design and size sanitary plumbing systems CPCPSN4011B.
 - (G) Design and size heated and cold water services and systems CPCPWT4011B.
 - (H) Establish legal and risk management requirements of small business BSBSMB401; 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 CPC40912—
 - (A) Carry out work-based risk control processes CPCPCM4011A.
 - (B) Estimate and cost work CPCPCM4012A.
 - (C) Design and size sanitary drainage systems CPCPDR4011B.
 - (D) Design and size stormwater drainage systems CPCPDR4012B.
 - (E) Design and size domestic treatment plant disposal systems CPCPDR4013B.
 - (F) Establish legal and risk management requirements of small business BSBSMB401; 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 QLD334WEP01A.
 - (B) Design and size domestic treatment plant disposal systems CPCPDR4013B; 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 QLD334WEP01A.
 - (B) Design and size domestic treatment plant disposal systems CPCPDR4013B.
 - (C) Carry out WHS requirements CPCPCM2043A.
 - (D) Install domestic treatment plants CPCPDR2022A.
 - (E) Install on-site disposal systems CPCPDR3023A.
 - (F) Establish legal and risk management requirements of small business BSBSMB401; 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 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 AHC32416;
- (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 22 – Passive fire protection—fire doors and shutters licences

Certify

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

Inspect and test

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

Part 23 – Passive fire protection—fire collars, penetrations and joint sealing licence

Certify, install and maintain

- (a) successful completion of both of the following—
 - (i) Certificate II in Fire Protection Inspection and Testing CPP20511, including completion of Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039A;
 - (ii) prepare a fire protection certification statement or report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to the courses mentioned in paragraph (a).

Part 24 – Passive fire protection—fire and smoke walls and ceilings licence

Certify

- (a) successful completion of Certificate III in Wall and Ceiling Lining CPC31211 and one of the following—
 - (i) Quality assure fire-rated lining systems CPCCBC4047A;
 - (ii) prepare a fire protection certification statement or report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Part 25 – Special hazard suppression systems licences

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

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

Certify—restricted to chemical and foam special hazard systems

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

Install and maintain

- (a) successful completion of Certificate III in Fire Protection CPC32813; or
- (b) successful completion of a course the commission considers is at least equivalent to this course.

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

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

Part 26 – Sprinkler and suppression systems (reticulated water-based) licences

Certify

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

Certify—restricted to commercial or industrial type

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

Certify—restricted to domestic or residential type

- (a) successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Hose Reels, Sprinklers, Pumpsets) 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) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018*, in the class of plumber, holding the endorsements of –
 - (i) fire protection (commercial and industrial); and
 - (ii) fire protection (domestic and residential); or

- (b) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018*, in the classes of—
- (i) restricted water plumber—fire protection (commercial and industrial); and
 - (ii) restricted water plumber—fire protection (domestic and residential).

Install and maintain—restricted to commercial or industrial type

Possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in either of the following classes—

- (a) plumber, holding the endorsement of fire protection (commercial and industrial);
- (b) restricted water plumber—fire protection (commercial and industrial).

Install and maintain—restricted to domestic or residential type

Possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in either of the following classes—

- (a) plumber, holding the endorsement of fire protection (domestic and residential);
- (b) restricted water plumber— fire protection (domestic and residential).

Inspect and test

- (a) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in the class of plumber holding the endorsements of—
 - (i) fire protection (commercial and industrial); and
 - (ii) fire protection (domestic and residential); or
- (b) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in the classes of—
 - (i) restricted water plumber— fire protection (commercial and industrial); and
 - (ii) restricted water plumber— fire protection (domestic and residential).

Part 27 – Fire pump licences

Certify

- (a) successful completion of Certificate IV in Fire Systems Compliance (Hydrants, Hose Reels, Sprinklers, Pumpsets) 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

Possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in either of the following classes—

- (a) plumber;
- (b) restricted water plumber—fire protection (hydrants and hose reels).

Inspect and test

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

Part 28 – Fire hydrants and hose reels licences

Certify

- (a) successful completion of all units of competency contained in Certificate IV in Fire Systems Compliance (Hydrants, Hose Reels, Sprinklers, Pumpsets) 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

Possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in either of the following classes—

- (a) plumber;
- (b) restricted water plumber—fire protection (hydrants and hose reels).

Inspect and test

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

Part 29 – Portable fire equipment and hose reels (hose reels down stream of stop cock only) licences

Certify

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

Install and maintain

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

Part 30 – Fire detection, alarm and warning systems licences

Certify

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

Install and maintain—extra low voltage

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

Maintain—extra low voltage

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

Part 31 – Emergency lighting licences

Certify

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

Inspect and test

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

Part 32 – Emergency procedures licence

The successful completion of—

- (a) the following units of competency from Public Safety Training Package PUA12—
 - (i) Identify, prevent and report potential workplace emergency situations PUAWER001B;
 - (ii) Ensure workplace emergency prevention procedures, systems and processes are implemented PUAWER002B;
 - (iii) Manage and monitor workplace emergency procedures equipment and other resources PUAWER003B;
 - (iv) Respond to workplace emergencies PUAWER004B;

- (v) Operate as part of an emergency control organisation PUAWER005B;
 - (vi) Lead an emergency control organisation PUAWER006B;
 - (vii) Manage an emergency control organisation PUAWER007B;
 - (viii) Confine small workplace emergencies PUAWER008B; or
- (b) a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

Part 33 – Fire safety professional licence

The successful completion of—

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

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

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

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

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

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

Part 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 MEM30305;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified boilermaker;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 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 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 an apprenticeship in plumbing and drainage, carpentry or carpentry and joinery;
- (b) successful completion of the following—
 - (i) Conduct workplace communication CPCCCM1014A;
 - (ii) Work effectively and sustainably in the construction industry CPCCCM1012A;
 - (iii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
 - (iv) Plan and organise work CPCCCM1013A;
 - (v) Read and interpret plans and specifications CPCCCM2001A;
 - (vi) Carry out measurements and calculations CPCCCM1015A;
 - (vii) Use construction tools and equipment CPCCCM2005B;
 - (viii) Erect and dismantle restricted height scaffolding CPCCCM2008B;
 - (ix) Handle construction materials CPCCCM2004A;
 - (x) Operate elevated work platforms up to 11 metres CPCCCM3001;
 - (xi) Carry out levelling CPCPCM2047A;
 - (xii) Fabricate and install roof drainage components CPCPRF3022A;
 - (xiii) Fabricate and install external flashings CPCPRF3023A;
 - (xiv) Cut and join sheet metal CPCPCM2048A;
 - (xv) Mark out materials CPCPCM2050A;
 - (xvi) Provide basic emergency life support HLT AID002;
 - (xvii) Work safely on roofs CPCPCM2055A;
- (c) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a);
- (d) possession of a plumbers 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 CPC32612;

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

Painting and decorating, excluding applying cement render

Any one of the following—

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

Part 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 CPC31211;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified plasterer drywall;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 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 CPCCPD3022A;
 - (ii) Certificate III in Solid Plastering CPC31011 including the unit of competency Apply paint by brush and roller CPCCPD3022A;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified solid plasterer including the unit of competency Apply paint by brush and roller CPCCPD3022A;
- (d) a qualification or statement of attainment of required competency for the class of licence.

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

Any one of the following—

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

Part 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 licence

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; including the following units of competency –
 - (i) develop and implement energy sector maintenance programs UEENEEE110A;
 - (ii) evaluate and report on building services energy management systems UEENEEJ136A;
- (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 CPC30211;

- (b) successful completion of the following units of competency—
- (i) Conduct workplace communication CPCCCM1014A;
 - (ii) Apply OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
 - (iii) Plan and organise work CPCCCM1013A;
 - (iv) Read and interpret plans and specifications CPCCCM2001A;
 - (v) Carry out measurements and calculations CPCCCM1015A;
 - (vi) Use construction tools and equipment CPCCCM2005B;
 - (vii) Erect and dismantle restricted height scaffolding CPCCCM2008B;
 - (viii) Carry out levelling operations CPCCCM3006;
 - (ix) Carry out excavation CPCCCM2002A;
 - (x) Carry out concreting to simple forms CPCCCO2013A;
 - (xi) Handle carpentry materials CPCCCA2011A;
 - (xii) Carry out setting out CPCCCA3002A;
 - (xiii) Cut and Join Sheet Metal CPCPCM2048A;
 - (xiv) Install and replace windows and doors CPCCCA3010A;
 - (xv) Fabricate and install external flashings CPCPRF3023A;
 - (xvi) Flash penetrations through roofs and walls CPCPCM3021A;
 - (xvii) Select and install roof sheeting and wall cladding CPCPRF2022A;
- (c) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (d) a recognition certificate as a qualified carpenter or carpenter and joiner;
- (e) a qualification or statement of attainment of required competency for the class of licence.

Part 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 CPC30116;
- (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 Construction Material Testing 10544NAT including the unit of competency Classify sites CMTGEO406A;
 - (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 Construction Material Testing 10544NAT including the unit of competency Classify sites CMTGEO406A;
- (b) successful completion of a course the commission considers is at least equivalent to the qualification mentioned in paragraph (a) ;
- (c) a qualification or statement of attainment of required competency for the class of licence.

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

Part 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 (Monumental/ Installation) CPC32313;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified stonemason;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 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) Cost a project AHCBUS402;
 - (iii) Install drainage systems AHCDRG301;
 - (iv) Set out site for construction works AHCLSC301;
 - (v) Construct landscape features using concrete AHCLSC302;
 - (vi) Construct brick and block structures and features AHCLSC303;
 - (vii) Construct stone structures and features AHCLSC305;
 - (viii) Implement a paving project AHCLSC306;
 - (ix) Implement a retaining wall project AHCLSC307;
 - (x) Provide information on plants and their culture AHPCPM302;
 - (xi) Implement a plant establishment program AHCPGD301;
 - (xii) Implement soil improvements for garden and turf areas AHCSOL303;
 - (xiii) Erect timber structures and features AHCLSC304;
 - (xiv) Install metal structures and features AHCLSC308;
 - (xv) Install water features AHCLSC309;
- (b) successful completion of Certificate III in Carpentry CPC30211;

- (c) successful completion of Certificate III in Bricklaying/Blocklaying CPC30111;
- (d) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraphs (a) to (c);
- (e) a recognition certificate as a qualified landscaper, carpenter or bricklayer.

Part 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 CPC40808 —
 - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Select and prepare a construction contract CPCCBC4003A;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iv) Produce labour and material schedules for ordering CPCCBC4005A;
 - (v) Plan building or construction work CPCCBC4007A;
 - (vi) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (vii) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (viii) Read and interpret plans and specifications CPCCBC4012B;
 - (ix) Prepare simple building sketches and drawings CPCCBC4014A;
 - (x) Apply site surveys and set-out procedures to building and construction projects CPCCBC4018A;
 - (xi) Resolve business disputes CPCCBC4024A;
 - (xii) Apply codes and standards to building trade and services contracting CPCCBC4034A;
 - (xiii) Apply building codes and standards to the construction process for swimming pools and spas CPCCBC4048A;
 - (xiv) Apply structural principles to construction of swimming pools and spas CPCCBC4049A;
 - (xv) Select, procure and store construction materials for swimming pools and spa projects CPCCBC4050A;
 - (xvi) Prepare to work safely in the construction industry CPCCWHS1001;
 - (xvii) Deliver and monitor a service to customers BSBCUS301;
 - (xviii) Manage small business finances BSBSMB421;
- (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 CPC40808 —
 - (i) Manage occupational health and safety in the building and construction workplace CPCCBC4002A;
 - (ii) Select and prepare a construction contract CPCCBC4003A;
 - (iii) Identify and produce estimated costs for building and construction projects CPCCBC4004A;
 - (iv) Produce labour and material schedules for ordering CPCCBC4005A;
 - (v) Plan building or construction work CPCCBC4007A;
 - (vi) Conduct on-site supervision of building and construction projects CPCCBC4008B;
 - (vii) Apply legal requirements to building and construction projects CPCCBC4009B;
 - (viii) Read and interpret plans and specifications CPCCBC4012B;
 - (ix) Prepare simple building sketches and drawings CPCCBC4014A;
 - (x) Apply site surveys and set-out procedures to building and construction projects CPCCBC4018A;
 - (xi) Resolve business disputes CPCCBC4024A;

- (xii) Apply codes and standards to building trade and services contracting CPCCBC4034A;
 - (xiii) Apply building codes and standards to the construction process for swimming pools and spas CPCCBC4048A;
 - (xiv) Apply structural principles to construction of swimming pools and spas CPCCBC4049A;
 - (xv) Select, procure and store construction materials for swimming pools and spa projects CPCCBC4050A;
 - (xvi) Prepare to work safely in the construction industry CPCCWHS1001;
 - (xvii) Deliver and monitor a service to customers BSBCUS301;
 - (xviii) Manage small business finances BSBSMB421;
- (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 and development BSBWOR301;
 - (ii) Complete client documentation CPPCMN3005;
 - (iii) Maintain workplace safety in the property industry CPPDSM3009;
 - (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 OHS requirements, policies and procedures in the construction industry CPCCOHS2001A;
 - (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 physical termite management systems CPPPMT3042 from Certificate III in Urban Pest Management CPP30115.

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 CPC30812;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified roof tiler;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 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 CPC31311;
- (b) successful completion of a course the commission considers is at least equivalent to a course mentioned in paragraph (a);
- (c) a recognition certificate as a qualified wall and floor tiler;
- (d) a qualification or statement of attainment of required competency for the class of licence.

Part 60 – Waterproofing licence

Any one of the following—

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

Technical qualifications for Schedule 3 of the QBCC Regulation— fire protection occupational licences

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

Certify

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

Inspect and test

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

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

Certify, install and maintain

- (a) successful completion of both of the following—
 - (i) Certificate II in Fire Protection Inspection and Testing CPP20511, including completion of Identify, inspect and test passive fire and smoke containment products and systems CPPFES2039A;
 - (ii) prepare a fire protection certification statement or report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to the courses mentioned in paragraph (a).

Part 3 – Passive fire protection – fire and smoke walls and ceilings occupational licence

Certify

- (a) successful completion of Certificate III in Wall and Ceiling Lining CPC31211 and one of the following—
 - (i) Quality assure fire-rated lining systems CPCCBC4047A;
 - (ii) prepare a fire protection certification statement or report REP 1; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Part 4 – Special hazard suppression systems occupational licences

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

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

Certify—restricted to chemical and foam special hazard systems

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

Install and maintain

- (a) successful completion of Certificate III in Fire Protection CPC32813; or
- (b) successful completion of a course the commission considers is at least equivalent to this course.

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

- (a) successful completion of Certificate III in Fire Protection Inspection and Testing CPP30811, including successful completion of the following units of competency—
 - (i) Inspect and maintain portable foam-generating equipment CPPFES3024A;

- (ii) Inspect, test and maintain gaseous fire-suppression systems CPPFES2025A;
 - (iii) Inspect, test and maintain non-gaseous pre-engineered fire-suppression systems CPPFES2027A; or
- (b) successful completion of a course the commission considers is at least equivalent to the course mentioned in paragraph (a).

Part 5 – Sprinkler and suppression systems (reticulated water-based) occupational licences

Certify

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

Certify—restricted to commercial or industrial type

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

Certify—restricted to domestic or residential type

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

Inspect and test

- (a) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in the class of plumber, holding the endorsements of –
 - (i) fire protection (commercial and industrial); and
 - (ii) fire protection (domestic and residential); or
- (b) possession of a licence issued by the commissioner under the *Plumbing and Drainage Act 2018* in the classes of –
 - (i) restricted water plumber – fire protection (commercial and industrial); and
 - (ii) restricted water plumber – fire protection (domestic and residential).

Part 6 – Fire pumps occupational licences

Certify

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

Inspect and test

- (a) successful completion of the unit of competency Inspect and test fire pumpsets CPCPFS3041A; or

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

Part 7 – Fire hydrants and hose reels occupational licences

Certify

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

Inspect and test

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

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

Certify

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

Install and maintain

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

Part 9 – Fire detection, alarm and warning systems occupational licences

Certify

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

Install and maintain—extra low voltage

- (a) successful completion of Certificate III in Fire Protection Control UEE31011; or

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

Maintain—extra low voltage

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

Part 10 – Emergency lighting occupational licences

Certify

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

Inspect and test

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

Part 11 – Emergency procedures occupational licence

Successful completion of—

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

- (viii) Confine small workplace emergencies PUAWER008B; or
- (b) a course the commission considers is at least equivalent to all of the units of competency mentioned in paragraph (a).

Part 12 – Fire safety professional occupational licence

The successful completion of—

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

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.