

MECHANICAL SERVICES

OCCUPATIONAL AIR-CONDITIONING AND REFRIGERATION

EXPERIENCE REQUIREMENTS

EFFECTIVE AUGUST 2021

Alternative qualification pathway

In response to industry feedback transitional eligibility criteria has been expanded for workers performing mechanical services - air-conditioning and refrigeration work. Occupational applicants with 2 years relevant experience completed before 1 January 2020 are eligible to apply using the alternative qualification pathway.

Information and evidence of experience

Your application must include information and evidence that demonstrates you have experience in personally performing key elements of mechanical services - air-conditioning and refrigeration occupational work that you identify from the list below.

Examples marked with † is additional information you may include to support your application. For more examples of mechanical services - air-conditioning and refrigeration occupational work, you can refer to the [Reference Guide](#).

NOTE: If you do not perform and cannot demonstrate all of the elements below, the QBCC may issue a conditional licence, which will limit the scope of work permitted under the licence to the work you do perform and can provide the required experience for.

Deadline applies

All applications under this alternative pathway must be submitted by 30 September 2021.

TYPICAL STAGES OF A BUILDING	EXAMPLES OF EXPERIENCE
1. PRELIMINARY BUILDING STAGE	<ul style="list-style-type: none"> • Experience in submitting plans for approval (including ensuring appropriate documentation has been prepared to the standard required) • Preparing contracts • Develop safety plans †
2. BASE STAGE	<ul style="list-style-type: none"> • Demonstrate an understanding on how the weight of the unit is considered as an impact on the structure (e.g. identify mass load weight in operational condition) • Read and apply building report for specifications • Co-ordinate structural steel installation • Read drawings • Crane co-ordination
3. INSTALLATION STAGE	<ul style="list-style-type: none"> • Established plan for installation • Co-ordinate installation (e.g. electricians, riggers) • Fixing and tie-down, including resilient mounts, vibration control, wind loadings addressed, etc • Ducting requirements addressed

TYPICAL STAGES OF A BUILDING	EXAMPLES OF EXPERIENCE
4. COMMISSIONING	<ul style="list-style-type: none"> • Test run unit • Supervise services trades, including electricians, data/switching, duct work • Air quality and volume – taking measurements and using specialist equipment • Interconnection with duct-work • Certification requirements • Conduct defect inspections • Submit documentation for final approval
5. PROJECT MANAGEMENT	<ul style="list-style-type: none"> • Management of projects for the construction, installation, replacing, repairing, altering, maintaining, testing and/or commissioning of the plant • Administration services experience, including managing associated finances (e.g. quotes, invoicing, tenders, timely financial management, contracts/administration, forms and applications lodgment) • Safety Management Systems implementation. †

† Desirable

Application essentials

- The purpose of this experience requirement is only for applicants seeking to use an alternative qualification pathway in applying for a Mechanical Services – Air-Conditioning and Refrigeration occupational licence.
- The licence application must be accompanied by information demonstrating at least 2 years experience prior to 1 January 2020, highlighting from the key elements of mechanical services – air-conditioning and refrigeration work that you identify from the list above, and any other relevant work.
- Examples of experience should be sufficiently detailed to demonstrate the work that you have performed.
- Examples of work must state the commencement and completion date for the work.
- Do not provide examples of work that was performed under an owner builder permit (discuss with the QBCC if you intend to use such work prior to submitting your application).
- All application questions must be completed and declarations signed.
- Referees verifying your work examples should hold a licence or qualification at the same or greater level than the licence that you are applying for.
- Application for Mechanical Services – Air-Conditioning and Refrigeration occupational licence, using the alternative qualification pathway must be lodged on or before the 30 September 2021.