

# MECHANICAL SERVICES - PLUMBING EXPERIENCE REQUIREMENTS

## ALTERNATIVE QUALIFICATION PATHWAY

1. In response to industry feedback transitional eligibility criteria has been expanded for Mechanical Services – Plumbing licences. Applicants with relevant experience and a plumbing apprenticeship may be eligible to apply under the alternative qualification pathway. For those applying for a Mechanical Services – Plumbing contractor, nominee supervisor or site supervisor licence, the relevant experience must be gained under a QBCC plumbing and drainage contractor, nominee supervisor or site supervisor licence. All applications under the alternative qualification pathway must be approved by 31 December 2020 for contractor and nominee supervisor licences. Applications under the alternative qualification pathway for site supervisor and occupational licences must be approved by 31 December 2021. To allow time for processing you should apply at least 6-8 weeks prior to the deadline.
2. To apply for a Mechanical Services – Plumbing licence using the alternative qualification pathway, the elements below, relevant to the licence class, should be demonstrated with evidence and in detail. If some but not all elements listed below are demonstrated, the QBCC may issue a conditional licence restricting the scope of work that may be performed under the licence.

## INFORMATION AND EVIDENCE OF EXPERIENCE

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

Examples marked with † is additional information you may include to support your application.

For more examples of mechanical services - plumbing work, you can refer to the [Reference Guide](#).

TYPICAL STAGES OF A BUILDING	EXAMPLES OF EXPERIENCE
1. Preliminary building stage	<ul style="list-style-type: none"> <li>• Experience in submitting plans for approval (including ensuring appropriate documentation has been prepared to the standard required)</li> <li>• Preparing contracts</li> <li>• Develop safety plans †</li> </ul>
2. Base stage	<ul style="list-style-type: none"> <li>• 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)</li> <li>• Read and apply building report for specifications</li> <li>• Methods used for providing support for the Cooling Tower (e.g. plinths, placement of formwork, etc.)</li> <li>• Co-ordinate structural steel installation</li> <li>• Read drawings</li> <li>• Crane co-ordination</li> </ul>
3. Installation stage	<ul style="list-style-type: none"> <li>• Established plan for installation</li> <li>• Co-ordinate installation (e.g. electricians, riggers)</li> <li>• Fixing and tie-down, including resilient mounts, vibration control, wind loadings addressed, etc</li> <li>• Drainage</li> <li>• Water supply</li> <li>• Ducting requirements addressed</li> </ul>

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

† **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 – Plumbing licence.
- The licence application must be accompanied by information demonstrating at least six months' prior experience, highlighting from the key elements of mechanical services – plumbing 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 or supervised.
- 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.
- Referee reports must be signed and confirmed as correct by the referee.