



Queensland Gas Work Authorisation Requirements

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Summary

The *Petroleum and Gas (Production and Safety) Act 2004* (the Act) prescribes gas work as installing, removing, altering, repairing, servicing, testing and certifying the gas system of a gas device.

A gas device (type B) is a device, or system of devices, other than a gas device (type A), that is used or designed or intended for use (using fuel gas) for the production of heat, light or power, for refrigeration, or as a propellant.

The Act requires that an individual or a corporation carrying out gas work in relation to gas devices (type B) must be a suitable person and hold a current gas work authorisation that allows the person to carry out work.

The Petroleum and Gas (Safety) Regulation 2018 (the Regulation) prescribes the types of gas work authorisations, what gas work each type of authorisation allows, and the qualifications and experience required to hold each type of authorisation.

This document, the Queensland Gas Work Authorisation Requirements (the requirements), sets out what is required for each type of gas work authorisation. A gas work authorisation will only be issued to an individual or a corporation who can demonstrate that they meet the requirements for the gas work authorisation being applied for.

All gas work authorisation applications must be made in the approved form and accompanied by the fee prescribed in the Regulation. The application form may require other general information or supporting documents (e.g. certified copy of a driver's licence). The fees are detailed on the relevant application form and are subject to change each financial year (the application fee is non-refundable).

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Introduction

The *Petroleum and Gas (Production and Safety) Act 2004* requires that an applicant for a gas work authorisation must be a suitable person and have the qualifications and experience to hold an authorisation. The *Petroleum and Gas (Safety) Regulation 2018* prescribes the requirements for each type of gas work authorisation.

This document, the Queensland Gas Work Authorisation Requirements (the requirements), sets out what is required for each type of gas work authorisation. A gas work authorisation will only be issued to an individual or a corporation¹ who can demonstrate that they meet the requirements for the gas work authorisation being applied for.

For an applicant that is a corporation, the chief executive officer (or equivalent) of the corporation may nominate, in writing, an individual as a representative of the applicant to give and receive information in relation to the Act.

If a person does not meet the current requirements, before applying for a gas work authorisation the person will need to discuss their options with an RTO (which may include enrolling in a course of training, recognition of prior learning or mapping).

Requirements for a gas work authorisation (industrial appliances)

A gas work authorisation (industrial appliances) authorises the holder, or a person acting under the holder's authority, to carry out gas work in relation to an industrial appliance, group of appliances or gas system, as stated in the authorisation.

To apply for a gas work authorisation (industrial appliances), a person must:

1. Be a suitable person to hold an authorisation;
2. Hold the required units of competency specified in Table 1 (industrial appliances) or Table 2 (industrial appliances limited to stationary engines only) for each individual who is to perform gas work under the authorisation;
3. Have completed the practical experience specified in Table 3 for each individual who is to perform gas work under the authorisation; and

Table 1. Required units of competency for gas work authorisation (industrial appliances)

| Unit code | Unit title |
|---------------------------|---|
| CPCPGS4023B or CPCPGS4023 | Install, commission and service Type B gas appliances |

Table 2. Required units of competency for gas work authorisation (industrial appliances) limited to stationary engines

| Unit code | Unit title |
|-----------|--|
| UEPMNT367 | Install and commission stationary gas fuelled reciprocating engine |
| UEPMNT368 | Repair and maintain stationary gas fuelled reciprocating engines |

¹ For a corporation, the applicant must demonstrate that any individual acting under the holder's authority has the qualifications and experience to carry out gas work in relation to a gas device (type B).

Table 3. Required practical experience for a gas work authorisation (industrial appliances)

| Minimum practical experience (hours, jobs and types of activities) |
|--|
| <ul style="list-style-type: none"> 30 hours practical experience carrying out gas work (no more than 5 hours can be in a simulated work environment). 5 different jobs covering at least the following types of activities: <ul style="list-style-type: none"> Installing a type B gas device (including commissioning); and Service and/or repair a type B gas device. |

Applicants with limited prior experience will be issued a gas work authorisation (industrial appliances) conditioned to only allow work on gas devices (type B) with a fuel gas capacity up to 1 GJ/h.

If a gas work authorisation holder seeks to change a limit or condition, a new application is required.

Requirements for a gas work authorisation (servicing)

A gas work authorisation (servicing) authorises the holder, or a person acting under the holder's authority, to carry out gas work that involves repairing, servicing and testing a gas device (type B) of a type or group stated in the authorisation other than gas work carried out under a gas work authorisation (motor fuel) or that changes the design layout operating parameters of a gas system.

To apply for a gas work authorisation (servicing), a person must:

1. Be a suitable person to hold an authorisation;
2. Hold the required units of competency specified in Table 4 (servicing) or Table 5 (servicing limited to stationary engines only) for each individual who is to perform gas work under the authorisation; and
3. Have completed the practical experience specified in Table 6 for each individual who is to perform gas work under the authorisation.

Table 4. Required units of competency for gas work authorisation (servicing)

| Unit code | Unit title |
|---------------------------|---|
| CPCPGS4023B or CPCPGS4023 | Install, commission and service Type B gas appliances |

Table 5. Required units of competency for gas work authorisation (servicing) limited to stationary engines

| Unit code | Unit title |
|-----------|--|
| UEPMNT368 | Repair and maintain stationary gas fuelled reciprocating engines |

Table 6. Required practical experience for a gas work authorisation (servicing)

| Minimum practical experience (hours, jobs and types of activities) |
|--|
| <ul style="list-style-type: none"> 15 hours practical experience carrying out gas work (can be in a simulated work environment). 5 different jobs covering at least the following types of activities: <ul style="list-style-type: none"> Service and/or repair a type B gas device. |

Applicants with limited prior experience will be issued a gas work authorisation (servicing) conditioned to only allow work on gas devices (type B) with a fuel gas capacity up to 1 GJ/h.

If a gas work authorisation holder seeks to change a limit or condition, a new application is required.

Requirements for a gas work authorisation (motor fuel)

A gas work authorisation (motor fuel) authorises the holder, or a person acting under the holder's authority, to carry out gas work stated in the authorisation for a gas system that supplies fuel:

- to the engine of a vehicle or vessel; or
- to a stationary engine capable of consuming fuel gas at a rate of 5GJ/hr or less.

To apply for a full gas work authorisation (motor fuel) to carry out work for a gas system that supplies fuel to the engine of a vehicle or vessel (which may also include carrying out work for a gas system that supplies fuel to a stationary engine capable of consuming fuel gas at a rate of 5GJ/hr or less), a person must:

1. Be a suitable person to hold an authorisation;
2. Hold a Certificate III in automotive specialist (or an automotive trade);
3. Hold the required units of competency specified in Table 7 for each individual who is to perform gas work under the authorisation; and

and, if the person also wants to carry out gas work for a gas system that supplies fuel to a stationary engine capable of consuming fuel gas at a rate of 5GJ/hr or less, the person must also hold the additional required units of competency in Table 8 for each individual who is to perform gas work under the authorisation; and

4. Have completed the practical experience specified in Table 9 for each individual who is to perform gas work under the authorisation.

To apply for a gas work authorisation (motor fuel) to carry out work for a gas system that supplies fuel to the engine of a vehicle or vessel that is limited to repairing, servicing, testing and certifying, a person must:

1. Be a suitable person to hold an authorisation;
2. Hold the required units of competency specified in Table 10 for each individual who is to perform gas work under the authorisation; and
3. Have completed the practical experience specified in Table 11 for each individual who is to perform gas work under the authorisation.

Table 7. Required units of competency for a full gas work authorisation (motor fuel)

| Unit code | Unit title |
|-----------|--------------------------------------|
| AURTTL007 | Inspect and service LPG fuel systems |
| AURTTL008 | Diagnose and repair LPG fuel systems |
| AURTTL009 | Install LPG fuel systems |
| and/or | |
| AURTTL001 | Inspect and service CNG fuel systems |
| AURTTL002 | Diagnose and repair CNG fuel systems |
| AURTTL003 | Install CNG fuel systems |
| and/or | |
| AURTTL004 | Inspect and service LNG fuel systems |
| AURTTL005 | Diagnose and repair LNG fuel systems |
| AURTTL006 | Install LNG fuel systems |

Table 8. Additional units of competency for full gas work authorisation (motor fuel) to also carry out gas work for a gas system that supplies fuel to a stationary engine capable of consuming fuel gas at a rate of 5GJ/hr or less

| Unit code | Unit title |
|-----------|---|
| UEPMNT367 | Install and commission stationary gas fuelled reciprocating engines |
| UEPMNT368 | Repair and maintain stationary gas fuelled reciprocating engines |

Table 9. Required practical experience for a gas work authorisation (motor fuel)

| Minimum practical experience (hours, jobs and types of activities) |
|---|
| <ul style="list-style-type: none"> 20 hours practical experience carrying out gas work (can be in a simulated work environment). 5 different jobs of any type covering at least the following type of activity: <ul style="list-style-type: none"> Installing a gas system to a vehicle or vessel. |

Table 10. Required units of competency for gas work authorisation (motor fuel) that is limited to repairing, servicing, testing and certifying only

| Unit code | Unit title |
|-----------|--------------------------------------|
| AURTTL007 | Inspect and service LPG fuel systems |
| AURTTL008 | Diagnose and repair LPG fuel systems |

Table 11. Required practical experience for a gas work authorisation (motor fuel) limited to repairing, servicing, testing and certifying only

| Minimum practical experience (hours, jobs and types of activities) |
|--|
| <ul style="list-style-type: none"> 10 hours practical experience carrying out gas work (can be in a simulated work environment). 5 different jobs of any type. |

Applicants with limited prior experience will be issued a gas work authorisation (motor fuel) conditioned to only allow work on gas devices with a fuel gas capacity up to 1 GJ/h.

If a gas work authorisation holder seeks to change a limit or condition, a new application is required.

Requirements for a gas work authorisation (major project)

A gas work authorisation (major project) authorises the holder, or a person acting under the holder's authority, to carry out gas work for a project to develop and build an operating plant, or part of a plant, if the total gas capacity of the devices at the plant, or the part of the plant, is 50GJ/hr or more.

To apply for a gas work authorisation (major project), a person must:

- For at least one individual involved in managing the major project hold a tertiary degree in a relevant field of engineering and their registration as a Registered Professional Engineer of Queensland (RPEQ) (or equivalent);
- For each person carrying out gas work for the major project, hold a current Queensland gas work licence or authorisation; and
- Provide a major project proposal including, but not limited to:
 - An overview of the major project including key milestones and the completion date;

- b. The details of all gas systems and devices (including design and specifications); and
- c. Any other gas contractors or specialists that may be involved (e.g. a Gas Device Approving Authority (type B)).

Requirements for re-application of an authorisation (renewal)

The holder of any gas work authorisation that is current, may re-apply for the same type of authorisation with the same limits and conditions (a 'renewal') without needing to re-submit any supporting documents.

For such a renewal, the supporting documents previously provided and relied upon in making the original decision are taken to be the supporting documents for the re-application; however, the applicant must advise of any change to the applicant's suitability to hold a gas work authorisation.

The Licensing and Authorisation Unit may still request some supporting documents in certain cases (e.g. a letter authorising a person as a representative of the holder, certified copies of qualifications or statements of attainment, etc.).

If an authorisation has expired it cannot be renewed and the person will need to apply for a new authorisation.

Document history

| Version number | Date of publication | Date of effect | Key changes |
|----------------|---------------------|-------------------|---|
| 1 | 31 October 2014 | 31 October 2014 | |
| 2 | 19 December 2014 | 19 December 2014 | N/A (changes were gas work licence related) |
| 3 | 15 September 2016 | 15 September 2016 | Gas work licence and authorisation requirements split into separate documents, various competencies updated, small Automotive Workshop Compliance Policy and sample certificates removed (available online) |
| 4 | 1 September 2018 | 1 September 2018 | Revised to align with the commencement of Petroleum and Gas (Safety) Regulation 2018 |
| 5 | 3 December 2019 | 1 February 2020 | Streamlining of requirements and removal of content moved online. Introduction of revised Practical Experience Form replacing all previous experience requirements/forms. |
| 5.1 | 16 December 2019 | 1 February 2020 | Correction of motor fuel unit codes and addition of installation experience for motor fuel. |
| 5.2 | 20 January 2020 | 1 February 2020 | Addition of Certifying to scope of limited Motor fuel gas work authorisation. |
| 5.3 | 1 June 2022 | 1 June 2022 | Update to Unit codes |