



Queensland Gas Work Licence 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 A) is a device prescribed under the Petroleum and Gas (Safety) Regulation 2018 (the Regulation), that is used or designed or intended to use, fuel gas for production of heat, light or power, for refrigeration, or as a propellant.

The Act requires that an individual carrying out gas work in relation to gas devices (type A) and/or a fuel gas refrigeration device must be a suitable person and hold a current gas work licence that allows the person to carry out the work.

The Regulation prescribes the types of gas work licences, what gas work each type of licence allows, and the qualifications and experience required to hold each type of licence under the Act.

This document, the Queensland Gas Work Licence Requirements (the requirements), sets out what is required for each type of gas work licence. A gas work licence will only be issued to individuals who can demonstrate that they meet the requirements for the gas work licence being applied for.

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

This document, the Queensland Gas Work Licence Requirements (the requirements), sets out what is required for each type of gas work licence. A gas work licence will only be issued to individuals who can demonstrate that they meet the requirements for the gas work licence being applied for.

The Chief Inspector (or delegate) may require an applicant or individual to complete a written, oral or practical examination. For example, an individual who does not meet the current requirements but has completed their training, or whose licence expired, more than 12 months ago, may be able to undertake the approved Gas Work Trade Test at a Registered Training Organisation (RTO) before applying for their gas work licence.

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

Requirements for an interim gas work licence

An interim gas work licence may be issued where the applicant has not yet demonstrated that they have the competencies and experience to hold a full gas work licence.

An interim gas work licence authorises an individual to install, remove, alter, repair, service and test a gas system in relation to a gas device (type A). This allows an interim licence holder to carry out most types of gas work while completing the requirements to progress to a full gas work licence.

It does not include certifying and as such an interim licence holder:

- must ensure that any gas system installation work is appropriately overseen and certified by the holder of a full gas work licence holder; and
- CANNOT carry out inspections and certification of recreational or commercial vehicle gas systems.

To apply for an interim gas work licence, an individual must be a suitable person to hold a licence and;

1. Hold a Certificate III in Gas Fitting or a Certificate III in Plumbing qualification (that was completed within the last 12 months) that includes the required units of competency specified in Table 1.

Table 1. Required units of competency for an interim gas work licence (as part of a Certificate III in Gas Fitting or Certificate III in Plumbing)

Unit codes as part of CPC32720 Or CPC32420 Current unit codes	Unit codes as part of CPC 32713 Or CPC32413 Superseded unit codes	Unit title
HLTAID011		Provide first aid
CPCCCM2008		Erect and dismantle restricted height scaffolding
CPCCCM2012		Work safely at heights
CPCCWHS2001		Apply WHS requirement, policies and procedures in the construction industry
CPCPCM2039		Carry out interactive workplace communication
CPCPCM2040		Read plans, calculate quantities and mark out materials
CPCPCM2041		Work effectively in the plumbing services sector
CPCPCM2043		Carry out WHS requirements
CPCPCM2045		Handle and store plumbing materials
CPCPCM2046		Use plumbing hand and power tools
CPCPCM2047		Carry out levelling
CPCPCM2048		Cut and join sheet metal
CPCPCM2054		Carry out simple concreting and rendering
CPCPCM2055		Work safely on roofs
CPCPCM3021		Flash penetrations through roofs and walls
CPCPCM3022		Weld polymer pipes using fusion method
CPCPCM3023		Fabricate and install non-ferrous pressure piping
CPCPCM3024		Prepare simple drawings
CPCPGS3046	CPCPGS3046A	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPGS3047	CPCPGS3047A	Install LPG systems in marine craft
CPCPGS3048	CPCPGS3048A	Install gas pressure control equipment
	CPCPGS3049A	Install Type A gas appliance flues
CPCPGS3049		Install gas appliance flues
CPCPGS3051	CPCPGS3051A	Purge consumer piping
CPCPGS3052	CPCPGS3052A	Maintain Type A gas appliances
CPCPGS3053	CPCPGS3053A	Disconnect and reconnect Type A gas appliances
CPCPGS3054	CPCPGS3054A	Calculate and install natural ventilation for Type A gas appliances
CPCPGS3055	CPCPGS3055A	Install gas submeters

Unit codes as part of CPC32720 Or CPC32420 Current unit codes	Unit codes as part of CPC 32713 Or CPC32413 Superseded unit codes	Unit title
	CPCPGS3056A	Install gas piping systems
CPCPGS3056		Size and install consumer gas piping systems
	CPCPGS3057A	Size consumer gas piping systems
CPCPGS3059	CPCPGS3059A	Install LPG storage of aggregate storage capacity up to 500 litres
CPCPGS3060	CPCPGS3060A	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL
CPCPGS3061	CPCPGS3061A	Install and commission Type A gas appliances

Requirements for a full gas work licence

A full gas work licence authorises an individual to carry out all types of gas work to a gas system in relation to a gas device (type A).

To apply to progress from an interim licence to a full gas work licence, an individual must:

1. Be a suitable person to hold a licence;
2. Hold an interim gas work licence (that is current or expired within the last 12 months);
3. Hold the required units of competency specified in Table 2; and
4. Have completed the practical experience specified in Table 3.

To apply for a full gas work licence, an individual must:

1. Be a suitable person to hold a licence;
2. Hold a Certificate III in Gas Fitting or a Certificate III in Plumbing qualification (that was completed within the last 12 months) that includes the required units of competency specified in Table 1.
3. Hold the required units of competency specified in Table 2; and
4. Have completed the practical experience specified in Table 3.

Table 2. Required units of competency to progress from an interim licence to a full gas work licence

Current and supersede unit codes <i>All unit codes below accepted for upgrade to Full gas work licence</i>		Unit title
CPCPGS4011	CPCPGS4011C	Design and size consumer gas installations
CPCPGS4022	CPCPGS4022A	Service Type A gas appliances
CPCPCM4011	CPCPCM4011A	Carry out work based risk control processes
CPCPCM4012	CPCPCM4012A	Estimate and cost work

Table 3. Required practical experience for a full gas work licence

Minimum practical experience (hours, jobs and types of activities)
<ul style="list-style-type: none"> • 60 hours practical experience carrying out gas work • 10 of the 60 hours may be in a simulated work environment. <p>NOTE- <i>Simulated work is in addition to any practical activities you complete during your training.</i></p> <p>This is above and beyond any practical work you complete during your training. It is up to you to discuss options with the RTO teacher for signing this off.</p> <ul style="list-style-type: none"> • 10 different jobs covering at least the following types of activities: <ul style="list-style-type: none"> ○ Installing consumer gas piping; ○ Testing and purging consumer gas piping; ○ Installing gas pressure control equipment (including commissioning); ○ Installing a gas device (including commissioning); and ○ Service and/or repair a gas device.

Requirements for a gas work licence (servicing)

A gas work licence (servicing) authorises an individual to service, repair and test a gas device (type A).

It does not include installing, removing, altering or certifying. For example, it does not include any installation work or carrying out gas work that changes the design, layout or operating parameters of a gas system.

To apply for a gas work licence (servicing), an individual must:

1. Be a suitable person to hold a licence;
2. Hold the required units of competency specified in Table 4 (at least one of which was completed within the last 12 months); and
3. Have completed the practical experience specified in Table 5.

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

Current unit code	Superseded unit code	Unit title
HLTAID011		Provide first aid
	HLTAID002	Provide basic emergency life support
CPCPCM2039	CPCPCM2039A	Carry out interactive workplace communication
CPCPCM2043	CPCPCM2043A	Carry out WHS requirements
CPCPGS3048	CPCPGS3048A	Install gas pressure control equipment
CPCPGS3051	CPCPGS3051A	Purge consumer piping
CPCPGS3052	CPCPGS3052A	Maintain Type A gas appliances
CPCPGS3053	CPCPGS3053A	Disconnect and reconnect Type A gas appliances
CPCPGS3054	CPCPGS3054A	Calculate and install natural ventilation for Type A gas appliances
	CPCPGS3057A	Size consumer gas piping systems
CPCPCM4011	CPCPCM4011A	Carry out work-based risk control processes
CPCPGS4022	CPCPGS4022A	Service Type A gas appliances

Table 5. Required practical experience for a gas work licence (servicing)

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). NOTE- <i>Simulated work is in addition to any practical activities you complete during your training.</i> This is above and beyond any practical work you complete during your training. It is up to you to discuss options with the RTO teacher for signing this off.
<ul style="list-style-type: none"> • 5 different jobs covering at least the following types of activities: <ul style="list-style-type: none"> ○ Testing and purging consumer gas piping; and ○ Service and/or repair a gas device.

Requirements for a gas work licence (servicing and caravan certification)

A gas work licence (servicing and caravan certification) authorises an individual to service, repair and test a gas device (type A) and to certify a gas device (type A) installed in a caravan (an existing type A gas system).

It does not include installing, removing or altering. For example, it does not include any installation work or carrying out gas work that changes the design, layout or operating parameters of a gas system. It also does not include certifying any other gas systems.

To apply for a gas work licence (servicing and caravan certification), an individual must:

1. Be a suitable person to hold a licence;
2. Hold the required units of competency specified in Table 6 (at least one of which was completed within the last 12 months); and
3. Have completed the practical experience specified in Table 7.

Table 6. Required units of competency for a gas work licence (servicing and caravan certification)

Current unit code	Superseded unit code	Unit title
HLTAID011		Provide first aid
	HLTAID002	Provide basic emergency life support
CPCPCM2039	CPCPCM2039A	Carry out interactive workplace communication
CPCPCM2043	CPCPCM2043A	Carry out WHS requirements
CPCPGS3046	CPCPGS3046A	Install LPG systems in caravans, mobile homes and mobile workplaces
CPCPGS3048	CPCPGS3048A	Install gas pressure control equipment
CPCPGS3051	CPCPGS3051A	Purge consumer piping
CPCPGS3052	CPCPGS3052A	Maintain Type A gas appliances
CPCPGS3053	CPCPGS3053A	Disconnect and reconnect Type A gas appliances
CPCPGS3054	CPCPGS3054A	Calculate and install natural ventilation for Type A gas appliances
	CPCPGS3057A	Size consumer gas piping systems
CPCPCM4011	CPCPCM4011A	Carry out work-based risk control processes
CPCPGS4022	CPCPGS4022A	Service Type A gas appliances

Table 7. Required practical experience for a gas work licence (servicing and caravan certification)

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). NOTE- <i>Simulated work is in addition to any practical activities you complete during your training.</i> This is above and beyond any practical work you complete during your training. It is up to you to discuss options with the RTO teacher for signing this off.
<ul style="list-style-type: none"> • 5 different jobs covering at least the following types of activities: <ul style="list-style-type: none"> ○ Testing and purging consumer gas piping; and ○ Service and/or repair a gas device.

Requirements for a gas work licence (hydrocarbon refrigerant)

A gas work licence (hydrocarbon refrigerant) authorises an individual to carry out gas work to a gas system in relation to a device that is used (or designed or intended) for refrigeration and for which fuel gas is the refrigerant (a fuel gas refrigeration device).

To apply for a gas work licence (hydrocarbon refrigerant), an individual must:

1. Be a suitable person to hold a licence;
2. Hold one of the following current Australian Refrigeration Council (ARC) licences:
 - Full Refrigeration and Air Conditioning Licence; or
 - Restricted Split System Air conditioning Installation and Decommissioning Licence; or
 - Restricted Domestic Refrigeration and Air Conditioning Appliance Licence; or
 - Restricted Refrigeration and Air Conditioning Licence (Auto-recovery).
3. Hold the required units of competency specified in Table 8 (at least one of which was completed within the last 12 months); and
4. Have completed the practical experience specified in Table 9.

Table 8. Required units of competency for a gas work licence (hydrocarbon refrigerant)

Current unit code	Superseded unit code	Unit title
UEERA0007		Apply safety awareness and legal requirements for flammable refrigerants
UEERA0084		Service and repair self-contained flammable refrigerants air conditioning and refrigeration systems
	UEENEEJ174A	Apply safety awareness and legal requirements for hydrocarbon refrigerants
	UEENEEJ175A	Service and repair self-contained hydrocarbon air conditioning and refrigeration systems
and, if the applicant intends to work on commercial or industrial air conditioning or refrigeration equipment:		
UEERA0048		Install and commission flammable refrigerant air conditioning and refrigeration systems
UEERA0023		Design hydrocarbon refrigerated systems
	UEENEEJ176A	Install and commission hydrocarbon refrigeration systems, components and associated equipment
	UEENEEJ177A	Design hydrocarbon refrigerated systems

Table 9. Required practical experience for a gas work licence (hydrocarbon refrigerant)

Minimum practical experience (hours, jobs and types of activities)
<ul style="list-style-type: none">• 4 hours practical experience carrying out gas work (can be in a simulated work environment). <p>NOTE- <i>Simulated work is in addition to any practical activities you complete during your training.</i> This is above and beyond any practical work you complete during your training. It is up to you to discuss options with the RTO teacher for signing this off.</p> <ul style="list-style-type: none">• 4 different jobs of any type.

Requirements for re-application of a licence (renewal)

The holder of a gas work licence (excluding interim licences) that is current, or which expired within the 12 months before the application for the licence is made, may re-apply for the same type of licence 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 licence.

The Licensing and Authorisation Unit may still request some supporting documents in certain cases (e.g. photograph of applicant, signature of applicant, certified copies of qualifications or statements of attainment, etc.).

If a licence expired more than 12 months ago, the licence cannot be renewed and the individual will need to apply for a new licence.

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	Changes to interim licence periods and Certificate VI enrolment prerequisite
3	15 September 2016	15 September 2016	Gas work licence and authorisation requirements split into separate documents, various competencies updated, Certificate VI enrolment prerequisite updated, gas licence suitability information added, currency of qualifications/experience requirements added, Trade Test and related competencies added
3.1	23 January 2017	23 January 2017	Gas work licence (servicing and caravan certification) title clarified to reflect removal of marine competency
4	15 January 2018	15 January 2018	Significant revision and rationalisation of document, various competencies updated, qualification and experience requirements for overseas applicants updated, information on RTOs that deliver Trade Test included
4.1	5 February 2018	5 February 2018	Clarification of title and currency of qualifications/experience requirements updated
4.2	22 March 2018	22 March 2018	Corrected competency references
4.3	28 June 2018	28 June 2018	Corrected competency referencing error and commented on the Hydrocarbon competency requirements
5	1 September 2018	1 September 2018	Revised to align with the commencement of Petroleum and Gas (Safety) Regulation 2018
6	3 December 2019	1 February 2020	Streamlining of requirements and removal of content moved online. Introduction of revised experience requirements in new Practical Experience Form.
6.1	17 January 2020	1 February 2020	Clarification of 'Servicing' and 'Servicing and caravan certification' scope statements
6.2	16 November 2020	1 February 2020	Clarification of 'completed no earlier than 12 months prior to the date of application'. Now states 'that was completed within the last 12 months'.
7	01 September 2021	01 September 2021	Updated unit codes and course codes for Certificate III Gasfitting and Certificate III Plumbing Revised wording in the introduction referring to trade test. Clarified practical experience wording in relation to the simulated work hours that an RTO teacher may sign off on. Removal of 1 unit from the Servicing licence and Servicing and Caravan certification licence.