



# Install Type B Gas Appliance Flues

**CPCPGS3050A Install Type B gas Appliance Flues**

**This unit makes up part of CPC32713 Certificate III in Gas Fitting**



## Quick info:

**Organisation:** Bizmatrix Pty Ltd

**Address:** Unit 53/193 Southpine Road,  
Brendale, QLD 4500

**Phone:** 1300 588 749

**Email:** [info@bizmatrix.edu.au](mailto:info@bizmatrix.edu.au)

**Website:** [www.bizmatrix.edu.au](http://www.bizmatrix.edu.au)

**RTO No.** 32074

**DET:** 0001318900 / **ABN:** 53 122 030 451

## Type B Gas Flues Course in detail:

**Course outline:** This unit is selected from CPC32713 Certificate III in gas fitting. The unit to be complete is ***CPCPGS3050A Install Type B gas appliance flues.***

### **Who can do Install Type B gas appliance flues?**

Anyone who has completed a Certificate III in gas fitting or completed the pre-requisite CPCPCM2043 Carry out WHS requirements. Those seeking to achieve the licencing requirements in Canberra ACT for a restricted Type B gas appliance licence or other licencing requirements. In some jurisdictions, this unit of competency may form part of accreditation, licencing, legislative, and regulatory or certification requirements.

### **Requirements: See FAQs on Page 6**

- The applicant must have a
  - Gas fitting license or
  - Type B gas restricted authorization or
  - Type B gas work authorization or
  - Completed, CPCPGS4023B Install, commission and service Type B gas appliance.
- **OR:** If you do not already have the pre-requisite CPCPCM2043A Carry out WHS requirements, we now offer this unit as a separate online unit- with the completion of the practical during the practical session.

### **What does the Install Type B gas appliance flues course cover?**

This unit of competency specifies the outcomes required to install flue systems for Type B gas appliances. Work may also involve the installation of power flue applications. The design requirements of this unit are limited to the application of the design to layout and installation.

**Unit details:** This unit is a complex unit, so it is recommended that participants have some experience in combustion theories, Type A gas flues and practice for gas, complex control systems and gas fitting knowledge.

Attendees will gain valuable knowledge about correct and safe working procedures for Type B gas flues designs for commercial/ industrial gas appliances, general safety and risk control processes, commissioning, plus many other benefits.

**Assessment:** Written and practical exams on a range of equipment. All assessments follow Nationally Accredited training style.

### **Relevant Australian Standards covered:**

- AS5601.part 1 Gas Installations
- AS3814 Industrial and commercial gas appliances





## Option 1: CPCPGS3050A Install Type B gas appliance flues Course- for those who already have pre-requisite

### Install Type B gas appliance flues Course: E-Learning (Online) + (1) day Practical

Students complete the pre-theory E-Learning pack prior to attending the Install Type B gas appliance flues one day practical training and assessment Course. On the successful completion of the theory and practical the student will receive their Statement of Attainment.

	Indicative Times	TBFLU-1-2016 Brisbane	
<b>Online sessions – Registration OPEN NOW</b>			
<b>TBFLU-1-2016 Brisbane</b>	<b>Online – Theory training and Assessments</b>	To be completed before attending the practical	<b>Online</b>
<b>TBFLU-1-2016 Canberra</b>	Practical Day 7:30 AM-1700PM	See website for upcoming date  Maximum 10 participants	Brisbane

## After you are deemed competent, what's next?

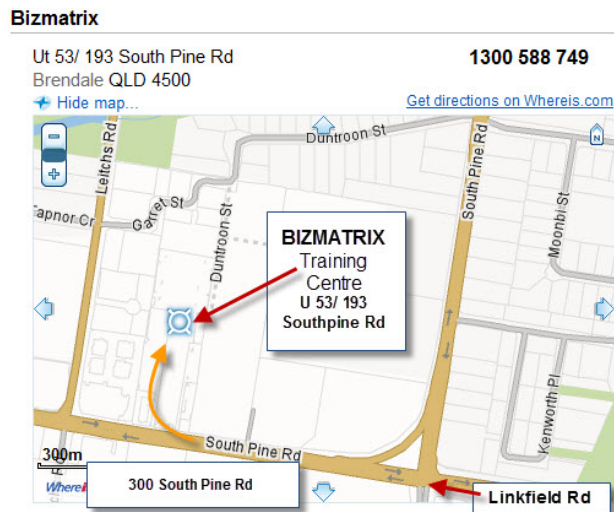
### Upon completion, what are you eligible to do?

- Design requirements of this unit are limited to application of the design to layout and installation.
- Install flue systems for Type B Gas appliances

### Successful participants will receive:

- A Statement of Attainment in recognition with and conforming to the AQTF requirements
- Access to technical support and information
- Confidence in their ability to install flue systems for Industrial Type B gas appliances
- Greater knowledge of Type B gas appliances and equipment
- Personalised tuition - class sizes restricted to maximum 10-12 people
- Access to further training and information about the gas industry by becoming a member of the BIZMATRIX database

## Where are we?



Entering off South Pine Road, drive to the back of the business park and you will see Unit 32 above you, turn RIGHT then follow the road around until you see “Absolute Plumbers” on the corner, keep going, we are next door!



## What is included in the Bizmatrix Type B Gas Flue Course?

### Bizmatrix will provide

- Student manuals and assessments
- Training aids and simulators
- Small classes

### Students to provide

- The relevant Australian standards as listed or access to these standards
  - AS5601.part 1-2013 Gas Installations
  - AS3814.2015 Industrial and commercial gas appliances

These standards are available for purchase through Bizmatrix at a reduced rate.

- The correct PPE for the practical's
- Pens, pencils, rulers, calculators

## Frequently Asked Questions: (Canberra)

### Why is there a need to complete the CPCPGS3050A Install Type B gas appliance flues Course?

As of the 1<sup>st</sup> April 2015, all Type B Restricted qualifications, authorisation and advanced licenced persons in Canberra ACT are required to complete this unit, so they may convert their qualifications to the new Type B gas work restricted or advance licence.

Addition this qualification will be a requirement for all licenced advanced or restricted Type A gas fitters wishing to undertake the installation or servicing of Type B gas appliance flue systems.

### An extract from the notification from ACT Government Environment and Planning

#### Gas fitter licences

The changes to accreditation do not affect gas fitter licences. Gas appliance work is proposed as a separate occupation under the COLA – in line with the existing separation between gas appliance work and gas fitting work.

This means that if you hold a gasfitters licence and a gas appliance worker accreditation they will be considered as two separate licences under COLA. Both licences will be listed on your licence card and will use the same licence number but you will need to continue to renew and pay the required fee for each licence.

The new legislation would allow advanced and general gasfitters to obtain an endorsement for Type B flue work if they have successfully completed the relevant training.

Gasfitters will need to apply for these endorsements and meet the qualification requirements.



## Frequently Asked Questions: (Queensland)

### **Why is it an authorisation not a licence?**

Applications to be a Type B approving authority can be made on the [application form \(PDF, 177 kB\)](#). Type B approving authorities will be authorised to approve up to three classes of gas devices based on gas usage capacity and complexity. These classes and the process for assessing and approving authorities are outlined in the [Type B approving authority approval process \(PDF 142 Kb\)](#).

To undertake work on any Type B gas device a Gas Work Authorisation is needed. A Type B gas device is any gas device that is not a Type A (badged appliance) gas device. This includes industrial gas plants and many commercial gas devices, or a fuel gas system for a vehicle or vessel. There are four classes of Gas Work Authorisations in Queensland. Reference: Department of Natural Resources and Mines.

### **Why do you I need to have a restricted electrical licence to apply for Type B authorisation?**

Yes, however Bizmatrix now offer a Type B-REL blended option which means you do not need the licence, as the application is made after training.

### **Is the Type B Gas Course difficult?**

Unlike other gas courses in the industry, the Type B Gas course is a very complex and content rich course, but don't let that get you down. Bizmatrix guide you through appropriately, and upon completion you will feel a great sense of satisfaction for your expanded knowledge and abilities in gas and electrical work. This course opens up many opportunities for you as a student and as a prospective gas worker to network and get ahead of those in the gas industry.

### **Can one person on site hold their Type B Authorisation, and let the rest of the employees work 'under' that?**

No, any person working on a Type B Appliance must hold their authorisation; they cannot simply work with someone who has it. See Department of Natural Resources and Mines for more information. <http://mines.industry.qld.gov.au/safety-and-health/industrial-type-b-gas-work.htm>

### **Does my company need to have a company gas licence for "Type B Authorised Employees" to work on site? Or will just the employees who hold a "Type B Authorisation" cover that?**

The qualification is an individual authorisation but is set under the prime company authorisation so they can go any site, so it is not site specific.

However, your company must hold company authorisation with individuals listed as authorised and under company name. Applying for the company authorisation is complete when your employee is applying for his Type B Authorisation, so he will be able to do the work, but will be under your companies' name.

Once your organisation has put the first person through Type B Gas Course then they can then apply for their authorisation then add more on from there with each applicant.



## **Frequently Asked Questions: (Queensland)**

### **What happens if I don't have my electrical licence and still want to do Type B?**

You will receive a Record of Results; however you will be unable to apply for your Type B authorisation. This situation usually occurs in organisational managers or training coordinators who want to understand Type B and what their staff are learning about whilst working on site, but are not going to be practicing it or working in it.

### **Is your company considered as an operating plant?**

If yes, then the fitters without electrical licences, may complete the training without the restricted electrical and be issued with a record of results and then be listed under your companies Gas Authorisation as competent to work on Type B gas systems.

Alternatively, if they need the gas authorisation, they will be required to complete a Restricted Electrical Course, then on completion of both the REL and Type B gas training, we can then issue the Certificate Statement of Attainment for CPCPGS4023B Install, Service and Commission Type B gas Appliances.

### **More information**

For more information on what we offer take a look at [www.bizmatrix.edu.au](http://www.bizmatrix.edu.au)

Or [training.gov.au](http://training.gov.au) RTO 32074 for our full list of scope



## REGISTRATION FORM 2016 Type B Gas Flue Course Brisbane

**ATTENDEE DETAILS** (Please ensure your details are correct, as the information provided will be used for records and or issuing of qualifications)

Title	<input type="text"/>	Birth date	<input type="text"/>	Qualifications	<input type="text"/>
First Name			Middle		
Surname			USI Number		
Home Address <input type="text"/>					
State	<input type="text"/>	Suburb	<input type="text"/>	Postcode	<input type="text"/>
Phone Number	<input type="text"/>	Mobile	<input type="text"/>	Fax	<input type="text"/>
Email	<input type="text"/>				
Prime Language if not English	<input type="text"/>	Special Requirements	<input type="text"/>		
Any Special Learning Needs Yes/ No	<input type="text"/>				

**INVOICE DETAILS (if different or company responsible)**

Organization/ Legal entity for invoice <input type="text"/>					
Address <input type="text"/>					
State		Suburb		Postcode	
Phone Number	<input type="text"/>	Mobile	<input type="text"/>	Fax	<input type="text"/>
Email	<i>Accounts email</i> <input type="text"/>				
Contact	<i>Accounts payable contact</i> <input type="text"/>				
ABN #	<input type="text"/>	PO No	<input type="text"/>		

### Office use only

USI #	
Date Enrolled into E-Learning	
Date Spreadsheet Updated	
Date Axcelerate Updated	
Date enrolled into Online-Moodle Induction/Stage 1 & Stage 2	
Date Training Plan and Student Profile Printed	
Date Invoice Paid	
Date Manuals and Assessment Sheets Printed and Ready for Course	
Date Books Sent to Students	
△ Welcome Letter	
△ Access to E-Learning    △ Welcome log on send	





## Selection details

Course Selection	Standard Course Fees	Select	Early bird discounted fees save up to \$250	Select
	<i>Less than 20 days from Start date</i>		<i>20 days before course date</i>	
<b>Option 1:</b> <b>CPCPGS3050A</b> <b>Install Type B gas appliance flues</b>	\$1,190 GST free		\$990 GST free	
<b>CPCPCM2043A</b> <b>Carry out WHS requirements</b>	+ \$450 GST free		+ \$400 GST free	
<b>Option 2:</b> <b>CPCPGS3050A</b> <b>Install Type B gas appliance flues</b>	\$1,190 GST free		\$990 GST free	
<b>Your Selection:</b>	Option 1: \$1640		Option 1: \$1,390	
<b>All nationally accredited training is GST FREE</b>	Option 2: \$1,190		Option 2: \$990	
<b>PAYMENT DETAILS</b>				
PAYMENT DETAILS (Please tick) Cheque      Cash      Direct payment      Credit card payment / BPay				
<b>STUDENT RESPONSIBLE FOR PAYMENT OF FEES (Tick Here)</b> <input type="checkbox"/>				
<b>Student responsible for payment no ABN, if payment by company:</b>				
<ul style="list-style-type: none"> <li>• <b>Course Fee 100% on enrolment</b></li> </ul>				
<b>Note: you will receive two invoices, the registration invoice and a second invoice with the applicable due date. You will not be invoiced more than \$1500 in advance of training. Once the pre-course training has commenced, fees are not refundable – refer to the student handbook for further information.</b>				

- ✓ I confirm I have read the training terms and conditions as published on [www.bizmatrix.edu.au](http://www.bizmatrix.edu.au) and will be attending the sessions as listed,. Enclosed are the payment details and my registration details.
- ✓ I would like you to add my name to the database to be notified of further courses and to be provided with ongoing technical information:

<i>Student Name:</i>	<b>EFT details:</b> Westpac Banking BSB 034-272 Account 250-586 or
<i>Signature:</i>	<b>Post cheques to:</b> BIZMATRIX Pty Ltd
<i>Date:</i>	PO BOX 489 ALBANY CREEK Q 4035

## How to get a USI Number

### *Steps to create a USI Number*

**Step 1.** Have at least one and preferably two forms of ID ready from the list below:

- Driver's Licence
- Medicare Card
- Australian Passport
- Visa (with Non-Australian Passport) for international students
- Certificate of Registration by Descent
- Citizenship Certificate
- Immi Card

**Step 2.** Have contact details ready (e.g. email address, or mobile number, or address).

**Step 3.** Visit the USI website at: [usi.gov.au](http://usi.gov.au)

**Step 4.** Select the 'Create a USI' link and follow the steps.

**Step 5.** Agree to the Terms and Conditions.

**Step 6.** Follow the instructions to create a USI – it should only take a few minutes. Upon completion, the USI will be displayed on the screen. It will also be sent to the student's preferred method contact.

**Step 7.** The student should then write down the USI and keep it somewhere handy and safe.

### **Important**

Make sure your personal details entered when creating your USI must match exactly with those on their form of ID.

For more information please visit: [usi.gov.au](http://usi.gov.au) Or contact us at Email: [usi@industry.gov.au](mailto:usi@industry.gov.au) Phone:

**COURSE DETAILS:**

<b>Course being applied for:</b>		<b>Course Code:</b>	
<b>Preferred location of training:</b>	<input type="checkbox"/> Workplace	<input type="checkbox"/> Bizmatrix	<input type="checkbox"/> Other
<b>Date ready to start:</b>		<b>Date must complete by:</b>	

**EMERGENCY CONTACT DETAILS:**

<b>Full name – next of kin:</b>			
<b>Daytime Number:</b>		<b>Mobile Number:</b>	
<b>Night time Number:</b>		<b>Relationship:</b>	

**PERSONAL DETAILS:**

<b>In which country were you born?</b>	<input type="checkbox"/> Australia	<input type="checkbox"/> Other (Please specify):
<b>Do you speak a language other than English at home?</b> (If more than one language is spoken at home, indicate the one that is spoken most often)	<input type="checkbox"/> No, English only	<input type="checkbox"/> Yes (please specify):
<b>How well do you speak English?</b> (tick)	<input type="checkbox"/> Very well	<input type="checkbox"/> Not well
	<input type="checkbox"/> Well	<input type="checkbox"/> None
<b>Are you of Aboriginal or Torres Strait Islander origin? (tick one)</b>		
<input type="checkbox"/> No	<input type="checkbox"/> Yes, Aboriginal	
<input type="checkbox"/> Yes, Torres Strait Islander	<input type="checkbox"/> Yes, Both Aboriginal & Torres Strait Islander	
<b>Do you identify yourself as having a disability? (Please tick)</b>		
<input type="checkbox"/> No	<input type="checkbox"/> Yes, Hearing/Deaf	
<input type="checkbox"/> Yes, Intellectual	<input type="checkbox"/> Yes, Vision	
<input type="checkbox"/> Yes, Learning	<input type="checkbox"/> Yes, Physical	
<input type="checkbox"/> Yes, Medical	<input type="checkbox"/> Other	
<b>Please specify:</b>		
<b>Do you have any special dietary requirements</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes, please specify _____	

<b>What is your highest COMPLETED school level? (Tick ONE box only.)</b>	
<input type="checkbox"/> Year 12 or equivalent <input type="checkbox"/> Year 11 or equivalent <input type="checkbox"/> Year 10 or equivalent	<input type="checkbox"/> Year 9 or equivalent <input type="checkbox"/> Year 8 or below <input type="checkbox"/> Never attended school
<b>In which YEAR did you complete school?</b>	
<b>Are you still attending secondary school?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Have you successfully completed any of the following qualifications?</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes - Bachelor Degree or Higher Degree <input type="checkbox"/> Yes - Advanced Diploma or Associate Degree <input type="checkbox"/> Yes - Diploma (or Associate Diploma) <input type="checkbox"/> Yes - Certificate IV (or Advanced Certificate/Technician) <input type="checkbox"/> Yes - Certificate III (or Trade Certificate) <input type="checkbox"/> Yes - Certificate II <input type="checkbox"/> Yes - Certificate I <input type="checkbox"/> Yes - Certificates other than the above
<b>Of the following categories, which best describes your current employment status?</b>	<input type="checkbox"/> Full-time employee <input type="checkbox"/> Part-time employee <input type="checkbox"/> Self-employed - not employing others <input type="checkbox"/> Employer <input type="checkbox"/> Employed - unpaid worker in a family business <input type="checkbox"/> Unemployed - seeking full-time work <input type="checkbox"/> Unemployed - seeking part-time work <input type="checkbox"/> Not employed - not seeking employment
<b>Of the following categories, which best describes your main reason for undertaking this course / traineeship / apprenticeship? (Tick ONE box only.)</b>	<input type="checkbox"/> To get a job <input type="checkbox"/> To develop my existing business <input type="checkbox"/> To start my own business <input type="checkbox"/> To try for a different career <input type="checkbox"/> To get a better job or promotion <input type="checkbox"/> It was a requirement of my job <input type="checkbox"/> I wanted extra skills for my job <input type="checkbox"/> To get into another course of study <input type="checkbox"/> For personal interest or self-development <input type="checkbox"/> Other reasons

## YOUR PERSONAL STATEMENT:

Why are you choosing this course?	
Do you have a specific career aim or job in mind for the future?	
Do you consider that you meet the pre-requisite requirements for the course:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
Do you consider that you have adequate literacy and numeracy skills to undertake the course:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
Are you seeking credit for previous training or recognition of prior learning:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
Are there any individual needs you have that we should be aware of so we take these into account when planning your training:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not sure
If yes, please provide us a little more information:	

I confirm I have read the training terms and conditions as published on [www.bizmatrix.edu.au](http://www.bizmatrix.edu.au) and will be attending the sessions as listed.

Enclosed are the payment details and my registration details.

I would like you to add my name to the database to be notified of further courses and to be provided with ongoing technical information: optout

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Office Use Only			
<b>Attached Copies Certified</b>	✓	<b>Student Requirements</b>	✓
Copies of drivers licence		Online support Details	
Copies of trade licences		Student Marking	
		Observation Sheets	
<b>On completion</b>	✓	Student Info Sheet	
Certificate III		Student Info Manual	
Statement of Attainment		Licence Application	
		Work Notes 2011	
		Registration Document	
		<b>Completion Info</b>	✓
		Learner Survey	
		Employer Survey	
		Course Surveys	
		Copies/results	
		BSA application if app	
		Results/Certificate	
		Newsletter Info	