



Install, Commission and Service Type B Gas Appliances Skill Set

State ID: EAA33

About this course

Be eligible for a Class I Permit or high level Authorisation from Energy Safety WA

If you:

- Hold a current authorisation, or
- Have completed the Supervised Gasfitter and Authorisation Courses within the last 2 years, or
- Have trade or engineering qualifications

then this course will enhance your existing skills.

Our class I Permit gas course is the third course required to complete the requirements of the national Unit of Competency CPCPGS4023B Install, commission and service Type B gas appliances. You will cover design specifications for Type B gas appliances; technical submission, approval and planning a Type B gas installation; installation requirements for Type B appliances to meet the regulator and Australian standard requirements; and the commissioning procedure and commissioning of a PLC controlled burner.

Successful completion of the unit, **CPCPGS4023B Intall, commission and Service Type B Appliance**, will equip you to service, maintain, rectify faults, recommission, install and commission Type B gas appliances.

Gain these skills

- Access, analyse, interpret and confirm through a detailed site inspection, design specification for Type B gas appliance to be installed and commissioned
- Liaise with designer and gas authorities to resolve design specification matters requiring clarification
- Obtain formal authority to proceed with installation and commissioning before commencing work, in accordance with regulatory and code of practice requirements
- Plan tasks in conjunction with others involved in, or affected by work

- Identify and follow quality assurance requirements for work sequences
- Prepare work area to support efficient installation, commissioning and servicing of Type B gas appliance
- Observe sustainability principles and concepts when preparing for and undertaking work
- Install appliance components, including valve trains, burners and associated pipe work and flue systems, in accordance with approved design specifications
- Install electrical components, including terminations, in accordance with design specifications and regulatory requirements
- Install electrical wiring and wiring enclosures in accordance with design specifications and regulatory requirements
- Visually inspect installations at each stage of work to ensure compliance with specifications and absence of damaged or faulty equipment and materials
- Analyse flue gases in accordance with recognised industry practice and other authority requirements
- Clean, check, service and store tools and equipment in accordance with manufacturer recommendations and workplace procedures

Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey.

This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

Semester 1, 2021

Midland - Classroom PartTime Category 1 I Permit Gas Course



When: **Semester 1, 2021**



How: **On campus**

Units

Elective

National ID

Unit Title

CPCPGS4023B

Install, commission and service Type B gas appliances

Important information

This course is run over 10 days (two weeks), from 8:00am to 4:30pm.

2021 course dates



**North
Metropolitan**

*We're working for
Western Australia.*

Group 1 14 - 18 June & 28 June - 2 July

Group 2 15 - 19 November & 29 November - 3 December

Fees and charges

Please note, fees are subject to change.



RTO code: 52786
Printed: 24/11/2020