



Service Type A Gas Appliances Skill Set

State ID: GAA37

About this course

Applicants must hold a G Class gas permit from Energy Safety W.A.

This course will train and assess students in the skills and knowledge required to competently service Type A gas appliances.

Students completing this course can apply to Energy Safety W.A. to have 'Servicing' endorsed on their G Class permit.

Students will need to conduct self-directed computer based training using Blackboard.

Course Outline:

- basic electrical theory
- characteristics of electromotive force (EMF)
- characteristics of fuses
- circuit breakers
- residual current devices and earthing systems
- combustion characteristics and effects
- conduction
- current flow
- ignition systems
- insulation
- isolation procedures

- Ohm's law
- burners and burner adjustment
- characteristics of conversion from one gas type to another
- classification of appliances and identification of related components
- electrical safety, including isolation procedures and requisite precautions
- gas appliance regulators
- gas appliance thermostats
- gas safety, including:
 - combustion characteristics and effects
 - isolation procedures
 - job safety analysis (JSA) and safe work method statements (SWMS)
 - operation of flame failure systems used in Type A gas appliances

Overview

All year round, 2019

Rockingham Campus - 25/07/2019 to 12/12/2019



Duration: **2 Weeks**



When: **All year round**



How: **Part Time**



Fees:

Non-concession

\$550.00