

COMMERCIAL CHANGEOVER RE-ASSESSMENT PACKAGE (INC. TPCP:1/1A)

COURSE CONTENT

AIM

- To provide operatives with the knowledge and understanding to safely install commission service and maintain commercial indirect/direct gas fired heating appliances
- To carry out the installation of first fix commercial pipework
- To carry out strength testing, tightness testing and direct purging in accordance with the procedures laid down in the Institution of Gas Engineers Utilisation Procedure (IGE/UP/1) and/or IGE/UP/1A

Course Covers

- CODNCO:1
- CIGA:1
- CORT:1
- ICPN:1
- TPCP:1 or TPCP:1A
- CDGA:1

Pre-Requisite

Entrants must hold a valid certificate for the above or one that is within 12 months of its expiry date

Course Duration

5 days (2.5 training / 2.5 assessment)

Maximum Number

6 persons

Training Aids

Lecture notes, audio visual presentation and commercial gas appliances and models.

Assessment

Written and practical test in line with ACS accreditation.

Certification

On successful completion of the course candidates will receive an LCL certificate and identification card.

Additional Information

Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore if you have any concerns or wish to make a comment about the service please contact: info@NETA.co.uk

COURSE OBJECTIVES

On successful completion of this course learners will be able to demonstrate competence in relation to:

- Gas Safety Legislation
- Characteristics of combustion and the use of Flue Gas Analysis Equipment
- Commercial Ventilation Requirements
- Installation of pipework and fittings including flanges, screwed, compression, capillary, polyethylene to steel, bellows and expansion joints
- Tightness testing low pressure and medium pressure installations
- The operation and positioning of emergency isolation controls and valves
- Installation of all commercial indirect/direct fired gas appliances
- Servicing of indirect/direct fired gas appliances and radiant heaters
- The operation and checking of appliance gas safety controls and devices and other operational safety components
- Commercial chimney requirements
- The re-establishment of commercial pipework and appliance installations
- Strength testing new pipework
- Tightness testing new pipework installations
- Direct purging new pipework installations by direct purging methods
- Tightness testing existing installations
- Direct purging existing installations by direct purging methods
- Installation of all commercial indirect/direct fired gas appliances
- Servicing of indirect/direct fired gas appliances and radiant heaters
- The operation and checking of appliance gas safety controls and devices and other operational safety components
- Commercial chimney requirements
- The re-establishment of commercial pipework and appliance installations
- Installation survey and calculation of system volumes
- Strength testing new pipework
- Determination of test pressures for both new and existing installation.
- Selection of appropriate pressure gauge
- Determining the permitted leak rates appropriate to the installation location
- Calculation of the test times and let by test times
- Calculation of actual leakage rates and comparison with permitted rates
- Tightness testing procedures new and existing
- Completion of tightness testing certificates
- Determination of purging volumes
- Selection of a safe purging area including risk assessment
- Safe levels for vent gases
- Calculation of purging times
- Direct purging procedures, commissioning and de-commissioning
- Completion of purging records

Course Ref: CPG15b
CSM: 09/20

COURSE SYLLABUS

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- Tightness testing low pressure and medium pressure installations
- The operation and positioning of emergency isolation controls and valves