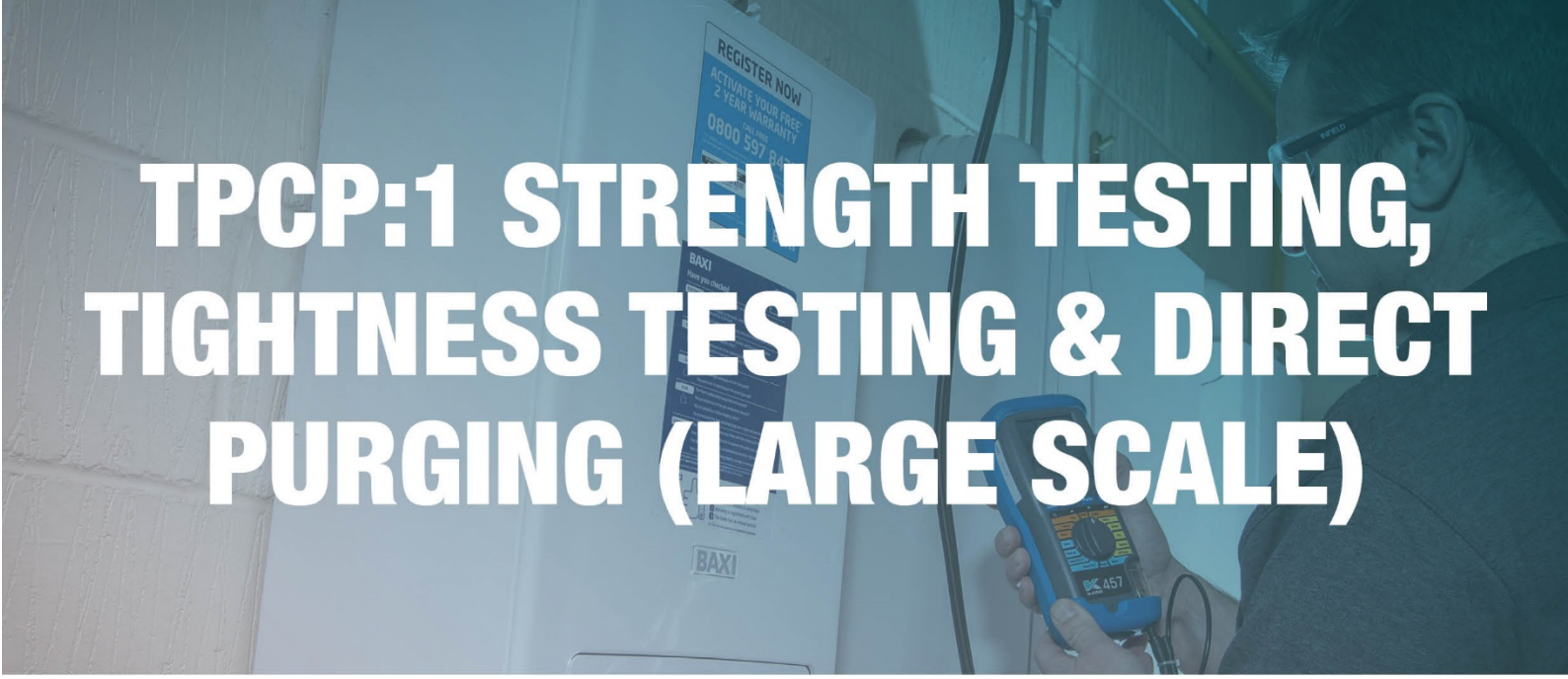

TPCP:1 STRENGTH TESTING, TIGHTNESS TESTING & DIRECT PURGING (LARGE SCALE)

COURSE CONTENT

AIM
To provide the operative with the knowledge and skills to safely 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)

Pre-Requisite
Candidates must hold a current certificate of competence in Core Commercial Gas Safety before they can undertake this assessment.

Course Duration
2 days (1 days training and 1 days assessment).

Maximum Number
8 persons

Training Aids
Lecture notes, audio visual presentation and a range of commercial gas appliances and pipework installations.

Assessment
The learner will be assessed by a written and practical test in line with ACS scheme requirements.

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: i**nfo@NETA.co.uk**

www.neta.co.uk
info@neta.co.uk
Tel: 01642 616 936

COURSE OBJECTIVES

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

- Strength test new installations
- Tightness test new pipework installations
- Direct purging new pipework installations by direct purging methods
- Tightness testing existing installations
- Direct purging existing installations by direct purging methods

COURSE SYLLABUS

- 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 test 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