



Gas Network Craftsperson Emergency response Practical Task 1 - DMPR End-Point Assessment

**Testing / Commissioning Natural Gas Domestic
Medium Pressure Regulators**

**Task Code DMPR
Level 3**

Practical Task Specification

This specification has been developed as part of the Gas Network Craftsperson emergency response pathway. The specification details the apprentice's required skills, knowledge and behaviour on all relevant matters of gas safety in relation to the installation and commissioning of regulators with medium pressure supply.

The specification is the minimum core gas safety standard of these requirements, but this does not preclude employers from enhancing the skills and knowledge of the learner through additional or company specific training.

Successful completion of this practical task will provide evidence that the apprentice has the required knowledge, understanding and performance skills to install and maintain domestic meter regulators with a medium pressure supply.

What does this specification look like?

Gas emergency response apprentices will be able to:

- Plan and prepare work activities for installing and exchanging gas meters and regulators on low pressure and medium pressure supplies
- Install, exchange, and remove gas meters and regulators on low pressure and medium pressure supplies
- Pre-commission and commission gas meters and regulators on low pressure and medium pressure

What does the assessment include?

This assessment covers the following matters of gas safety requirements:

- REGT 1

To pass the practical task, the apprentice must demonstrate their achievement of all assessment outcomes. This will be evidenced through practical assessment, typically being delivered under simulated conditions, in a realistic workplace environment. Evidence of the apprentice's achievement must be recorded on the assessment templates provided and on the practical task record form. Practical tasks whilst retained within the apprentice's logbook cannot be used as evidence of logbook criteria completion.

The practical task will include:

- Install and test a medium pressure regulator (MIEFV)
- Install and test a medium pressure regulator (Slam shut)

Realistic Working Environments (RWE) Centre Requirements

Centres are responsible for ensuring that the RWE assessment is suitably controlled to ensure that assessment decisions are valid and reliable, and that work submitted for assessment by the apprentice is prepared and produced by them independently, without assistance from others, and free of plagiarism.

The practical task must be designed following the guidance and requirements given in this document. The Technical Expert checklist must be adhered to and cannot be altered without prior written consent from EUIAS.

Centres may deliver any number of the practical tasks together in combined assessment of their own design, but this must be in with the prior agreement with EUIAS.

Where the combined option is used the performance and knowledge criteria of each unit assessment must be satisfied and the respective Technical Expert checklists must be completed.

The following normative documents should be made available to the apprentice throughout the assessment process:

BS6400
Company specific procedures
IGEM/GM/PRS/29
IGEM/GM/PRS/28
IGE/UP/1B
GSIUP version 7

Practical Task Centre Requirements

The assessments covering the matters of gas safety requirements are:

DMPR1 Install and test a medium pressure regulator (MIEFV)

DMPR2 Install and test a medium pressure regulator (slam shut)

The practical task must be assessed by a Technical Expert who is independent of the apprentice; please refer to the gas network craftsperson scheme handbook for further details.

The assessment area must be designed to allow the apprentice to install a medium - low-pressure natural gas regulator and carry out the subsequent commissioning and functional checks. The supply pressure may be simulated through the use of compressed air, this being

connected through a simulated gas service pipe. The assessment area should include all of the following:

- Selection of different models of domestic MP meter regulators including:
 - A regulator incorporating a pressure relief valve and meter installation excess flow valve
 - A regulator incorporating a slam shut valve
 - Manufacturers' instructions on the selected MP regulators
 - A suitable means of pressurising the regulator to be tested
 - Suitable test and purge apparatus including a purge hose and flame trap
 - A small receptacle to contain water (relief valve test)

The full range of warning labels and advisory notices and appropriate documentation for the recording of details and any defects must be made available to the apprentice.

The area used for this exercise must be for assessment purposes only

Apprentice Requirements

To achieve a pass in these assessments the apprentice must complete all of the following:

- Ensure all health and safety requirements are observed throughout the assessment
- Carry out the checks prior to installing the medium pressure regulator
- Install the medium pressure regulator
- Test and commission the medium pressure regulator
- Complete documentation
- Identify and apply the correct labels and notices

Grading

This assessment is graded as Pass or Fail. The Technical Expert will determine successful completion of the practical tasks using the Technical Expert checklist. This will determine Pass or Fail.

Assessment Duration

The apprentice has 90 minutes to complete **DMPR1**.
The apprentice has 90 minutes to complete **DMPR2**.