



**ACS.MET1/2
SAFETY ASSESSMENT CRITERIA
INITIAL.DOMESTIC
NATURAL GAS
DOMESTIC GAS METERS**

MET1/2	INITIAL
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Introduction

Tests gas safety competences to install, commission, exchange and remove domestic gas meters.

CBs and ACs may adopt Competence and Criteria numbering different to that used in this document.

CB and AC documentation may adopt wording for criteria different to that used in this document, provided the meaning is unaffected.

Range of meters

Primary or secondary meters of capacity $\leq 6 \text{ m}^3/\text{h}$.

Pre-requisites

CCN1 or
CESP1 or
CMA1 or
CoLPNG1 or
QCF or S/NVQ.

Operatives installing meters with supply pressure $> 75 \text{ mbar}$ also require REGT1.

Operatives holding CESP1 or CMA1 are limited to install, exchange, remove and commission primary meters only.

Exclusions

Meter reading, pre-payment mechanisms, meter box installation, construction of meter compartments or housings, gas service pipework installation, installation or exchange of emergency/meter controls to service pipework, service valves or their operation, meter removal from site and subsequent disposal, testing by Office of Gas Supply Technical Directorate or by OFGEM Technical Directorate and theft of gas.

References and normative documents

All relevant documents as listed in the Legislative, Normative & Informative Document List (LINDL) inc.:

- HSL56
- BS 6400-1
- BS 6400-2
- BS 5482-1
- BS 6891
- IGE/G/6
- GIUSP.

ACS.SMB.003.ACDND identifies Normative Documents that should be held by ACs.

Abbreviations

AC. Assessment Centre
ECV. Emergency control valve
I. Initial
LP. Low pressure
MI. Manufacturer's/manufacturers' instructions
MIV. Meter inlet valve
MP. Medium pressure
OP. Operating pressure

Ref. Reference.

PERFORMANCE CRITERIA		REF	I
1a.	determine pressure in gas service pipe as being LP or MP		✓
1b.	check ECV/MIV operates correctly		✓
2.	note appliances connected to internal supply		✓
3.	check meter and installation components are fit for use and purpose and regulator has been factory set at 22 mbar and sealed with manufacturer's mark		✓
4.	isolate gas supply prior to work		✓
5.	remove plug/cap from ECV/MIV		✓
6.	connect meter, ECV/MIV and regulator using a bracket, pliable connection, fittings and washers		✓
7.	re-establish gas supply		✓
8.	check work carried out is gas tight		✓
9.	purge exchanged meter and re-light existing appliance(s)		✓
10.	check regulator OP (19 to 23 mbar)		✓
10a.	check regulator locks up at 30 mbar with no gas is flowing		✓
11.	break seal, re-set and re-seal regulator		✓
12.	disconnect and seal meter		✓
13.	apply appropriate labels and notices		✓
14.	explain operation and use of ECV/MIV		✓
KNOWLEDGE & UNDERSTANDING		REF	I
1.	meter locations which do not satisfy GSIUR and BS 6400		✓
1b.	requirements for regulators when a meter is relocated		✓
2.	badged capacity of a gas meter		✓
3.	volume of gas to be passed by a meter to effect a satisfactory purge		✓
4.	use of temporary continuity bond		✓
5.	meters supplying mobile dwellings and boats		✓
6.	ECV/MIV when meter is installed remotely from dwelling		✓
7.	requirements for a number of primary meters grouped together and serving a multi-occupancy building		✓
8.	criteria for installation of secondary meters		✓
9.	safety notices and labels for meters and meter installation pipework		✓
10.	criteria for providing a gas supply to installation pipework and/or appliances for first time		✓
11.	procedure for installing meter when service is not connected to gas i.e. GSIUR Reg.33		✓
12.	unsafe meter installations		✓
13.	HSL56:		
(iii)	Reg.12 Meters – General provisions 12 (1) to (6)		✓
(iv)	Reg.13 Meter Housings 13 (1) to (4)		✓
(v)	Reg.16 Primary meters 16 (1) and (2)		✓