



**ACS.MET3 LS
SAFETY ASSESSMENT CRITERIA
INITIAL and RE-ASSESSMENT.
LIMITED SCOPE
EMERGENCY SERVICE PROVIDER AND
GAS METER INSTALLER
DOMESTIC
GAS METER INSTALLATIONS
NATURAL GAS WITH A CAPACITY NOT
EXCEEDING 6m³/h**

MET3 LS**Initial and Re-assessment****Introduction**

Tests competence to install and commission domestic sized gas meters which are then sealed off at the meter outlet fitting, ensuring gas is not left available to installation pipework.

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

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

Range

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

Pre-requisites

CMA2 LS.

Installation of MP primary meters of badged capacity $\leq 6 \text{ m}^3/\text{h}$ requires REGT1

Exclusions

Connection of installation pipework downstream of gas meter outlet; commissioning installation pipework and appliances; secondary meters; meter reading; pre-payment mechanisms; meter box installation; construction of meter compartments and housings; gas service pipework; installation or exchange of ECVs; service valves or their operation; exchange or replacement of existing gas meters and their removal from site and subsequent disposal; testing by OFGEM; theft of gas.

References

- **HSL56**
- BS 6400 -1
- BS 6400 -2
- BS 6891
- IGEM/G/6
- **GIUSP.**
- IGEM/UP/1b

The References (REF) where indicated are only a guide to where the criteria can be resourced and therefore the REF may not be exhaustive.

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

Abbreviations

AC. Assessment centre
 AECV. Additional emergency control valve
 CB. Certification Body
 ECV. Emergency control valve
 I. Initial
 LP. Low pressure
 LS. Limited scope
 MIV. Meter inlet valve
 MP. Medium pressure
 OP. Operating pressure
 Ref. Reference.
 R. Re-assessment

PERFORMANCE CRITERIA		REF	I	R
1a.	determine pressure in gas service pipe as LP or MP	BS 6400-1:2016 8.2.3.	✓	✓
1b.	check ECV/MIV/AECV operates correctly	BS 6400-1:2016 8.2.3.2	✓	✓
2.	check meter and installation components are fit for use and purpose and regulator has been appropriately set and sealed with manufacturer's mark	BS 6400-1:2016 10.1.2	✓	✓
3.	isolate gas supply prior to work	GSIUR Reg 6	✓	✓
4.	correct use temporary electrical equipotential bonding	BS 6400-1:2016 8.2.4	✓	✓
5.	remove plug/cap from ECV/MIV/AECV	GSIUR Reg 5	✓	✓
6.	connect meter, ECV/MIV/AECV and regulator via bracket, pliable connection, fittings and new washers	BS 6400-1:2016	✓	✓
7.	seal meter outlet	GSIUR Reg 2 (1) Appropriate fitting	✓	✓
8.	re-establish gas supply	BS 6400-1:2016 13.6	✓	✓
9.	check work carried out is gas tight	GSIUR Reg 6 & IGEM/UP/ 1B	✓	✓
10.	purge meter	IGEM/UP/ 1B	✓	✓
11.	check regulator OP using a meter regulator check device (19 to 23 mbar)	BS 6400-1 6.3.2 & 10.1.1 (a)	✓	✓
11b.	check regulator locks up at a pressure not exceeding 30 mbar with no gas is flowing	10.1.1 (b)	✓	✓
12.	break seal, re-set regulator (if necessary) and re-seal regulator	10.1.1 (c)	✓	✓
13.	apply appropriate labels and notices	Section 11	✓	✓
14.	explain operation and use of ECV/MIV/AECV	Section 16	✓	✓
15.	Identify gas safety faults on valves, controls, filters, regulators	17.3	✓	✓
KNOWLEDGE AND UNDERSTANDING		REF	I	R
1	Incorrect meter locations	GSIUR , BS 6400-1:2016 6.9.1 BS 6400-2 6.13 to 6.14	✓	✓
1b	Permission requirements for meters & regulators when relocated	TB 127	✓	✓
1c	Semi concealed meter box installations and the use of 2 a pliable connectors-ion	BS 6400-1:2016 8.2.7.4.2	✓	✓
1d	Installation requirements for Meters , Regulators and pliable connections	BS 6400-1:2016 8.2.7.2 to 8.2.7.4	✓	✓
2.	Requirements for determining the maximum capacity of a meter	BS 6400-1:2006 Annex A	✓	✓
3.	volume of gas passed by a meter U6 m3/h to effect a satisfactory purge	IGEM/UP/1b	✓	✓
5.	meters supplying mobile dwellings and boats	IGEM/G/6	✓	✓
6.	ECV/MIV/AECV requirements when meter is installed remotely from dwelling	GSIUR Reg 9 and BS 6400-1 8.3	✓	✓
7.	where primary meters serving different parts of a building are grouped together	BS 6400-1 8.3	✓	✓
8.	safety notices and labels (relating to LS meter installations)	Section 11	✓	✓
9.	Recognise unsafe meter installations.	BS 6400-1 6.9.1.2- 6.9.3 GIUSP	✓	✓
10.	HSL56:			
(i)	Reg.9 Emergency controls 9 (1), (2),(4)		✓	
(ii)				
(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) to (2)		✓	