



**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 6m<sup>3</sup>/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		✓	✓
1b.	check ECV/MIV/AECV operates correctly		✓	✓
2.	check meter and installation components are fit for use and purpose and regulator has been appropriately set and sealed with manufacturer's mark		✓	✓
3.	isolate gas supply prior to work		✓	✓
4.	correct use temporary electrical equipotential bonding		✓	✓
5.	remove plug/cap from ECV/MIV/AECV		✓	✓
6.	connect meter, ECV/MIV/AECV and regulator via bracket, pliable connection, fittings and new washers		✓	✓
7.	seal meter outlet		✓	✓
8.	re-establish gas supply		✓	✓
9.	check work carried out is gas tight		✓	✓
10.	purge meter		✓	✓
11.	check regulator OP using a meter regulator check device (19 to 23 mbar)		✓	✓
11b.	check regulator locks up at a pressure not exceeding 30 mbar with no gas is flowing		✓	✓
12.	break seal, re-set regulator (if necessary) and re-seal regulator		✓	✓
13.	apply appropriate labels and notices		✓	✓
14.	explain operation and use of ECV/MIV/AECV		✓	
15.	Identify gas safety faults on valves, controls, filters, regulators		✓	✓
KNOWLEDGE AND UNDERSTANDING		REF	I	R
1	Incorrect meter locations		✓	✓
1b	Permission requirements for meters & regulators when relocated		✓	✓
1c	Semi concealed meter box installations and the use of 2 a pliable connectors on		✓	✓
1d	Installation requirements for Meters , Regulators and pliable connections		✓	✓
2.	Requirements for determining the maximum capacity of a meter		✓	
3.	volume of gas passed by a meter U6 m3/h to effect a satisfactory purge		✓	✓
			✓	
5.	meters supplying mobile dwellings and boats		✓	
6.	ECV/MIV/AECV requirements when meter is installed remotely from dwelling		✓	✓
7.	where primary meters serving different parts of a building are grouped together		✓	
8.	safety notices and labels (relating to LS meter installations)		✓	
9.	Recognise unsafe meter installations.		✓	✓
10.	<b>HSL56:</b>			
(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)		✓	