



**ACS.MET3 LS
SAFETY ASSESSMENT CRITERIA
INITIAL.LIMITED SCOPE
EMERGENCY SERVICE PROVIDER AND
GAS METER INSTALLER
DOMESTIC
GAS METER INSTALLATIONS
NATURAL GAS**

MET3 LS**INITIAL**

MET3 LS Re-assessment is contained in CESP1; CMA1; CMA2LS (Part C).

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 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

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.

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.

PERFORMANCE CRITERIA		REF	I
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 factory set at 22 mbar and sealed with manufacturer's mark		√
3.	isolate gas supply prior to work		√
4.	install electrical equipotential bonding		√
5.	remove plug/cap from ECV/MIV/AECV		√
6.	connect meter, ECV/MIV/AECV and regulator via bracket, pliable connection, fittings, 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 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		√
KNOWLEDGE AND UNDERSTANDING		REF	I
1.	meter locations which do not satisfy BS 6400-1, 2		√
2.	badged capacity of a gas meter (purging)		√
3.	volume of gas passed by a meter to effect a satisfactory purge		√
4.			
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.	unsafe meter installations		√
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)		√