



**ACS.LEI1  
SAFETY ASSESSMENT CRITERIA  
INITIAL.DOMESTIC  
NATURAL GAS & LPG  
LEISURE/MISCELLANEOUS  
APPLIANCES**

**LEI 1 INITIAL**

**Introduction**

Tests gas safety competence to install, commission, exchange, disconnect, service, repair and break down domestic gas fired leisure and miscellaneous equipment/appliances.

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.

**Appliance range**

Barbecues, greenhouse heaters, refrigerators, gas poker, gas lighting and patio heaters.

**Pre-requisites**

CCN1 or  
CoCDN1 or  
CoLPNG1 or  
QCF or S/NVQ.

**Exclusions**

Building/ground construction, electricity.

**References and normative documents**

Appliance/equipment MIs.

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

- HSL56
- BS 5871-1
- BS 5440-1
- GIUSP.

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

**Practical provision**

Use appliances and equipment selected from table below (an appliance from each column.)

APPLIANCE TYPE		
Barbecue	Refrigerator	Gas light
Greenhouse heater	Gas poker	Patio heater

**Abbreviations**

AC. Assessment Centre  
FSD. Flame supervision device  
I. Initial  
MI. Manufacturer’s/manufacturers’ instructions  
OP. Operating pressure  
Ref. Reference.

<b>PERFORMANCE CRITERIA</b>		<b>REF</b>	<b>I</b>
1.	check gas hose and bayonet connection conform to requirements		√
2.	check appliance assembly is complete and fit for use and purpose		√
3.	isolate gas supply prior to work		√
4.	fit plug-in socket(s) to existing point(s)		√
5.	fit flexible hose(s) to appliance(s) and connect to plug-in socket(s)		√
6.	re-establish gas supply		√
7.	check work carried out is gas tight		√
8.	check appliance(s) are correctly located, level and stable		√
9.	dismantle and clean appliance operational gas safety components, using appropriate cleaning methods and agents (e.g. burners, injectors, primary air ports, ignition devices, thermostats, taps and FSDs)		√
10.	<b>commission appliance:</b>		
(i)	purge of air		√
(ii)	check OP at appliance		√
(iii)	check burner flame picture, stability and ignition		√
(iv)	check user controls are operating correctly		√
(v)	check safety control devices are operating correctly		√
(vi)	check temperature controls are operating correctly		√
11.	identify defects on gas safety components		√
12.	explain safe operation and use of appliance		√
<b>KNOWLEDGE &amp; UNDERSTANDING</b>		<b>REF</b>	<b>I</b>
1.	identifying unsafe conditions		√
2.	diagnosing gas safety faults		√
3.	suitable and unsuitable equipment/appliances room/space locations		√
4.	acceptable positions for leisure/miscellaneous gas points		√
5.	clearances– proximity of combustible materials		√