



ACS.COMCAT2 SAFETY ASSESSMENT CRITERIA INITIAL.NON-DOMESTIC NATURAL GAS & LPG ATMOSPHERIC BURNERS

Pressure type water boilers (Stills or equivalent)
Pressure steamers Pressure steaming ovens Ancillary equipment

COMCAT2 INITIAL**Introduction**

Tests gas safety competence in the work of install, commission, exchange, disconnect, service, repair, and break down non-domestic gas catering appliances in COMCAT2 grouping.

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.

Appliance range

Water boilers (pressure types), pressure steamers, pressurised steaming ovens, and ancillary equipment.

Pre-requisites

CCCN 1 or
CoDC1 or
QCF or S/NVQ alternatives

Exclusions

Kitchen worktops/cabinets, extract fans, ductwork, hoods/canopies, plumbing, electrical, building and gas pipework other than appliance connection to isolation valve.

References and normative documents

MIs.

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

- HSL56
- GIUSP
- BS 6173.

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

Abbreviations

AC. Assessment Centre
CB. Certification Body
FSD. Flame supervision device
I. Initial
MIs. Manufacturer's/manufacturers' instructions
OP. Operating pressure
Ref. Reference.

PERFORMANCE CRITERIA		REF	I
1.	check gas supply pipe is of adequate size and terminates at an acceptable position for connection		✓
2.	check gas pipework, fittings and isolation valve for connection conform to MIs		✓
3.	check appliance siting is to MIs		✓
4.	check appliance assembly complete and fit for use and purpose		✓
5.	isolate gas, water and electricity supplies prior to work		✓
6.	fit isolation valve to existing gas point		✓
7.	install appliance gas regulator (if applicable)		✓
8.	use pipework to connect appliance to isolation valve		✓
9.	re-establish gas and water supplies		✓
10.	check work carried out is gas tight		✓
11.	check appliance is correctly located, level and stable		✓
12.	dismantle and clean appliance operational gas safety components, using appropriate cleaning methods and agents e.g. pilots burners, injectors, primary air ports, ignition devices, combustion chambers, interlocking taps, regulators (if applicable), FSDs and steam gas/regulators		✓
13.	commission appliance:		
(i)	purge appliance of air		✓
(ii)	fill appliance with water to MIs		✓
(iii)	check OP at appliance is to MIs (adjust regulator, if applicable)		✓
(iv)	check all burner flame pictures, stability and ignition (adjust as necessary to MIs - high and low flame settings)		✓
(v)	check user controls are operating correctly		✓
(vi)	check gas safety control devices are operating correctly, inc. steam pressure gas regulator and low level water detector (where applicable)		✓
14.	check steam pressure controls are operating correctly		✓
15.	identify defects on gas safety components		✓
16.	explain safe operation and use of appliance		✓
KNOWLEDGE AND UNDERSTANDING		REF	I
1.	identifying unsafe conditions		✓
2.	diagnosing gas safety faults		✓
3.	suitable and unsuitable appliance room/space locations		✓
4.	clearances - proximity of combustible materials		✓
5.	identification of the effects of a scaled heat exchanger		✓
6.	installing second hand appliances with enclosed burners		✓
7.	upgrading safety controls on second hand appliances		✓