Strategic Management Board

ACS.CKHB1
SAFETY ASSESSMENT CRITERIA
INITIAL.DOMESTIC
NATURAL GAS & LPG
GAS RANGE COOKER/BOILER

CKHB1	INITIAL

Introduction

Tests gas safety competence to install, commission, exchange, disconnect, service, repair and break down domestic gas range cookers and range cooker/boilers with atmospheric and/or forced draught burners.

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

Free standing range cooker and range cooker/boilers with atmospheric and/or forced draught burners e.g. Aga Rayburn, Alpha and Stanley.

Pre-requisites

CCN1, CCLP1 or change over combination giving equivalent or aligned QCF or S/NVQ.

Exclusions

Kitchen furniture; extract fans, electricity and building work.

References and normative documents

Appliance MIs.

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

- BS 6172
- BS 6798
- BS 7967
- HSL56
- GIUSP.

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

Abbreviations

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

PERFORMANCE CRITERIA		REF	I
1.	check appliance assembly complete and fit for use and purpose		✓
2.	isolate gas supply prior to work		✓
3.	check appliance base is of suitable construction		✓
4.	check appliance is correctly sealed to flue system		✓
5.	connect appliance to gas supply		✓
6.	re-establish gas supply		✓
7.	check work carried out is gas tight		✓
8.	check appliance is correctly located, level and stable		✓
9.	dismantle and clean operational gas safety components, using appropriate cleaning methods and agents, e.g. burners, primary air ports, baffles, combustion chambers and flue bends, ignition devices, thermostats, fan switches, and FSDs		✓
10.	**commission appliance:**		
(i)	purge of air		✓
(ii)	check OP at both inlet and burner head		✓
(iii)	check control box sequence is correct		✓
(iv)	check burners flame stability and ignition are correct		✓
(v)	measure combustion performance to MIs and interpret results correctly for both boiler function, and make adjustments, as required		✓
(vi)	check user controls are operating correctly		✓
(vii)	check safety control devices are operating correctly to MIs		✓
(viii)	check temperature controls are operating safely		✓
11.	check combustion gaskets and flue connections are sound and operating to MIs		✓
12.	identify defects on gas safety components		✓
13.	explain safe operation and use of appliance		✓
KNOWLEDGE & UNDERSTANDING		**REF**	**I**
1.	identification of unsafe conditions		✓
2.	diagnosis of gas safety faults		✓
3.	effect of ineffective appliance case seals/gaskets		✓
4.	suitable and unsuitable appliance room/space locations		✓
5.	clearances – proximity of combustible materials – fire proofing		✓
6.	operation of mechanical and electrical controls		✓