Strategic Management Board

ACS.CCLP1 RPH
SAFETY ASSESSMENT CRITERIA
INITIAL & RE-ASSESSMENT
DOMESTIC LPG
RESIDENTIAL PARK HOMES

CCLP1 RPH	INITIAL & RE-ASSESSMENT

Introduction

Tests gas safety competence in core domestic LPG competencies for RPHs.

CCLP1 RPH can only be awarded when the Candidate holds CCLP1.

Comprises:

1. Gas safety legislation and Standards
3(b) Supply pressures - operation and positioning of emergency isolation, flow control and valves for bulk gas storage vessels
3(c) Cylinder and vessel location and safety
4. Ventilation
5. Installation of pipework and fittings
12. Chimney Standards
14. Installation of open, balanced and fan-assisted chimneys
15. Re-establish existing gas supply and relight appliances.

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

All fittings in RPHs.

Pre-requisites

Initial

CCLP1.

Re-assessment

CCLP1 + CCLP1 RPH.

References and normative documents

MIs.

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

- HSL56
- GIUSP.
- BS 6891
- BS 3632

The References (REF) where indicated are only a guide to where the criteria can be resourced and therefore the REF may not be exhaustive.

Abbreviations

AC. Assessment Centre
CB. Certification Body
I. Initial
MIs. Manufacturer's/manufacturers' instructions
R. Re-assessment
RPH. Residential Park Home
Ref. Reference
UPSO. Under-pressure safety cut-off.

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1. Gas safety legislation and Standards

KNOWLEDGE AND UNDERSTANDING	REF	I	R
1. a minimum of two Carbon Monoxide alarms conforming to BE EN 50291-1 shall be installed into a RPH manufactured to BS 3632		✓	✓
2. Gas Commissioning Notice requirements in accordance to BS 3632		✓	✓

3(b) Supply pressures; operation and positioning of emergency isolation, flow controls and valves for bulk gas storage vessels

KNOWLEDGE AND UNDERSTANDING	REF	I	R
1. recognising supply pressures from gas storage vessels: MP stage		✓	✓
2. operation and positioning of vapour service shut-off valve		✓	
3. operation and positioning of first and second stage regulators		✓	✓
4. location requirements for regulators and changeover devices		✓	✓
5.			
6.			
7. identification of causes of under-pressure conditions		✓	
8. operation, positioning and visible indicators of UPSOs		✓	
9. re-setting UPSOs		✓	
10. operation and positioning of limited relief valve		✓	
11. advice to consumer on re-setting UPSOs		✓	

3(c) Cylinder and vessel location and safety

KNOWLEDGE AND UNDERSTANDING	REF	I	R
1. **location and safety of cylinders:**			

(i)	installation, location and protection		✓	
(ii)	construction (inc. ventilation) of compartments, lockers and internal housings		✓	
(iii)	safety precautions for storage and use		✓	
2.	**location and safety of vessels:**			
(i)	installation		✓	✓
(ii)	marking of common vessels commercially available for single supply		✓	✓
(iii)	location		✓	✓

4. Ventilation

PERFORMANCE CRITERIA	**REF**	**I**	**R**
1. calculate free area of selection of air vents		✓	
2. identify correct and incorrect types of air vents and grilles e.g. fly screens		✓	
3. identify installation of inadequate ventilation		✓	✓
KNOWLEDGE AND UNDERSTANDING (these criteria are PC for re-assessment)	**REF**	**I**	**R**
1. siting of ventilation (wall, window, floor, ceiling and ducted) direct to outside air, or via series air vents		✓	✓
2. ventilation requirements		✓	
3. installation of ventilation grilles and vents		✓	
4. types of grilles and vents		✓	
5. additional ventilation e.g. extractor fans, cooker hoods, dryers etc.		✓	
6. labels and notices		✓	
7. determine / calculate combustion ventilation requirements in accordance to BS 3632 for non-room sealed appliances		✓	✓
8. legacy ventilation requirements acceptable and in accordance to MI's for room sealed & non-room sealed appliances		✓	
10. Effects of mechanical extract systems		✓	✓
10a Effects of passive stack ventilation systems in accordance to BS 3632:		✓	✓
11. restrictions for use of screens to prevent entry of vermin		✓	
12. gas dispersal drains (drop holes) for RPH manufactured after 30 September 2023		✓	✓

5. Installation of pipework and fittings. Range of pipe sizes: 6 mm to 35mm

PERFORMANCE CRITERIA	**REF**	**I**	**R**
1. join copper pipe using appropriate capillary fittings, methods and agents		✓	
2. disconnect LPG cylinder from pipework, observing all safety precautions			✓
3. use of temporary earth bond			✓
4. fabricate copper capillary fitting using appropriate methods and agents			✓
5. reconnect LPG cylinder			✓
6. check work carried out is gas tight			✓
7. purge installation of air			✓
KNOWLEDGE AND UNDERSTANDING	**REF**	**I**	**R**
1. galvanised steel pipe and fittings, Standards, suitability and use		✓	

2.	jointing and cleaning agents for stainless and galvanised steel pipework		✓	
3.	restrictions on use of union, compression and capillary fittings		✓	
4.	**safety requirements for pipework installed:**			
(i)	behind dry lined walls		✓	
(ii)	within timber construction walls		✓	
5.	min. depth /identification of pipework buried below ground		✓	✓
6.	locations where pipework is not to be installed		✓	✓
7.	min. spacing from electrical supplies, meters and fuse boxes		✓	✓
8.	min. cross sectional area of equipotential bonding conductor		✓	
9.	Installation of flexible hoses, tubing, assemblies and their connections:			
(i)	allowance for movement		✓	✓
(ii)	protection against rodent attack		✓	✓
10.	Press end connections jointing requirements		✓	✓
11.	Pliable corrugated stainless-steel tubing and fittings jointing requirements		✓	✓
12.	The protection of stainless-steel semi rigid pipe from corrosive products i.e. meter connections from flux		✓	✓
13.	Restrictions for making and sealing holes into meter boxes		✓	✓

12. Chimney Standards

KNOWLEDGE AND UNDERSTANDING		REF	I	R
1.	**open flue chimney systems: natural draught:**			
(i)	termination positions for chimney outlets		✓	
(ii)	min. up-stand for chimney passing through tiled or slated roofs		✓	
(iii)	special requirements for chimneys passing adjacent to combustible material		✓	✓
(iv)	restrictions to siting and lengths of chimney run to avoid condensation		✓	
(v)	pre-fabricated metal starter box for space heaters		✓	
2.	**room sealed natural draught chimney configurations for appliances:**			
(i)	balanced flue construction		✓	
(ii)	outlet positions horizontal to an opening, relating to appliance net input		✓	
(iii)	outlet positions below an opening, relating to appliance net input		✓	
(iv)	outlet positions above an opening, relating to appliance net input		✓	
(v)	outlet positions below gutters, soil pipes, drainpipes and eaves		✓	
(vi)	balanced flue terminal guards		✓	
3.	**room sealed fanned draught chimney configurations:**			
(i)	restrictions on lengths, bends etc. for fanned draught room sealed flues		✓	
(ii)	restrictions for outlet positions inc. horizontal and vertical configurations		✓	
(iii)	enclosing chimneys		✓	
(iv)	proximity of flue duct outlets to boundaries		✓	
(v)	identify unsafe situation 'room sealed flue system enclosed without sufficient inspection facility'		✓	
4.	**fan draught chimneys for open flue appliances:**			
(i)	requirements prior to installing fans in secondary flues		✓	
(ii)	additional safety requirements when fans are installed in secondary flues		✓	
5.	**condensing flues:**			
(i)	condensate termination for appliances		✓	
(ii)	plume management kits		✓	
(iii)	differing air inlet duct and terminal positions		✓	

(iv) terminal guards for pluming kit air inlets		✓	

14. Installation of open, balanced and fan-assisted chimney configurations

PERFORMANCE CRITERIA	REF	I	R
1. fan draught chimneys: number of bends within flue length is to MIs		✓	
KNOWLEDGE AND UNDERSTANDING	**REF**	**I**	**R**
1. condensing appliance flues		✓	
2. condensate disposal		✓	

15. Re-establish existing gas supply and relight appliances

KNOWLEDGE AND UNDERSTANDING	REF	I	R
1. commissioning notices		✓	✓