



**ACS.CoNGLP1 RPH
SAFETY ASSESSMENT CRITERIA
INITIAL & RE-ASSESSMENT
DOMESTIC
NATURAL GAS TO LPG
RESIDENTIAL PARK HOMES**

CoNGLP1 RPH**INITIAL & RE-ASSESSMENT****Introduction**

Comprises:

- 3(b). LPG supply pressures. Operation of and positioning of emergency isolation, flow control and valves.
- 3(c). LPG cylinder and vessel location, safety and sizing
- 4. Ventilation for appliances
- 5. Installation of pipework and fittings
- 15. Re-establish existing LPG supply and relight appliances.

CoNGLP1 RPH can only be awarded when the Candidate holds CoNGLP1.

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 LPG fittings in RPHs.

Pre-requisites***Initial***

CoNGLP1.

Re-assessment

CoNGLP1 + CoNGLP1 RPH.

References and normative documents

MIs.

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

- HSL56
- GIUSP.
- BS 3632:2015

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

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

Abbreviations

AC. Assessment Centre

CB. Certification Body

HP. High pressure

I. Initial

IP. Intermediate pressure

MIs. Manufacturer's/manufacturers' instructions

MP. Medium pressure

R. Re-assessment

Ref. Reference

UPSO. Under pressure safety cut-off.

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 3632:2015	BS 3632:2015 6.5.2	√	√
2.	Gas Commissioning Notice requirements in accordance to BS 3632:2015.	BS 3632:2015 Section 9.2	√	√

3(b). LPG supply pressures. Operation and positioning of emergency isolation, flow controls and valves

KNOWLEDGE AND UNDERSTANDING		REF	I	R
1.	recognising supply pressures from gas storage vessels: MP stage		√	√
2.	operation and positioning of first and second stage regulators		√	√
3.				
4.	location requirements for regulators and changeover devices	BS6891 2015: E.2.1	√	√
5.				
6.	identifying causes of under-pressure conditions		√	
7.	operation, positioning and visible indicators of UPSOs		√	
8.	re-setting UPSOs		√	
9.	operation and positioning of limited relief valve		√	
10.	advice to consumer on re-setting UPSO		√	
11.				
12.	operation and positioning of vapour service shut-off valve		√	

3(c). LPG cylinder and vessel location, safety and sizing

KNOWLEDGE AND UNDERSTANDING		REF	I	R
1.	cylinders:			
(i)	installation, location and protection		√	
(ii)	construction (inc. ventilation) for compartments, lockers and internal housings		√	
(iii)	safety precautions for storage and use		√	
(iv)				
2.	vessels:			
(i)	installation		√	√
(ii)	marking of common vessels available for single supply		√	√
(iii)	location		√	√

4. Ventilation (for appliances)

KNOWLEDGE AND UNDERSTANDING		REF	I	R
1.	calculating combustion ventilation requirements in accordance to BS 3632 - 2015 for non-room sealed appliances		√	√
2.	calculating legacy RPH ventilation requirements acceptable to MI's in accordance to BS 5440-2 3632-2005 for room sealed & non- room sealed appliances	BS 5440 2 : 2009	√	√
3.				
4.				
5.	restrictions for use of screens to prevent entry of vermin		√	
6.	Background ventilation provisions in accordance to BS 3632:2015		√	√
7.	Effects of mechanical extract ventilation systems provisions in accordance to BS 3632: 2015	BS 3632 :2015 4.11	√	√
8.	Effects of Passive Stack ventilation systems requirements in accordance to BS 3632: 2015		√	√

5. Installation of pipework and fittings. Range of pipe sizes: 6 mm to 28 mm

KNOWLEDGE AND UNDERSTANDING		REF	I	R
1.	jointing and cleaning agents for stainless and galvanised steel pipework		√	√
2.	ventilation for pipework installed within ducts		√	√
3.	locations where LPG pipework is not to be installed		√	√
4.	galvanised steel pipe and fittings, Standards, suitability and use		√	
5.	Installation of flexible hoses, tubing, assemblies and their connections:			
i	allowance for movement	BS6891: 2015 9.3.2	√	√
ii	protection against rodent attack	BS6891: 2015 9.3.4	√	√

15. Re-establish existing supply and relight appliances

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