



**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		✓	✓
2.	Gas Commissioning Notice requirements in accordance to BS 3632:2015.		✓	✓

**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		✓	✓
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.	<b>cylinders:</b>			
(i)	installation, location and protection for Propane and Butane cylinders		✓	
(ii)	construction (inc. ventilation) for compartments, lockers and internal housings		✓	
(iii)	safety precautions for storage and use of cylinders		✓	
2.	<b>vessels:</b>			
(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.	legacy RPH ventilation requirements acceptable to MI's for room sealed & non- room sealed appliances	BS 5440 :2	✓	✓
5.	restrictions for use of screens to prevent entry of vermin		✓	
7.	Effects of mechanical extract systems		✓	✓
8.	Effects of Passive Stack ventilation systems in accordance to BS 3632: 2015		✓	✓

**5. Installation of pipework and fittings. Range of pipe sizes: 6 mm to 35 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		✓	✓
ii	protection against rodent attack		✓	✓

**15. Re-establish existing supply and relight appliances**

<b>KNOWLEDGE AND UNDERSTANDING</b>	<b>REF</b>	<b>I</b>	<b>R</b>
1. commissioning notices		✓	✓