



**ACS.CoNGLP1 PD  
SAFETY ASSESSMENT CRITERIA  
INITIAL & RE-ASSESSMENT  
DOMESTIC  
NATURAL GAS TO LPG  
PERMANENT DWELLINGS**

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

Comprises:

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

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

CBs and ACs may adopt Competence and Criteria numbering different to that used in this document.

CB and AC documentation may adopt wording for criteria different to that used in this document, provided the meaning is unaffected.

**Range**

All LPG fittings in PDs.

**Pre-requisites*****Initial***

CoNGLP1.

***Re-assessment***

CoNGLP1 + CoNGLP1 PD.

**References and normative documents**

MIs.

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

- HSL56
- GIUSP.

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

**Abbreviations**

AC. Assessment Centre  
 CB. Certification Body  
 I. Initial  
 IP. Intermediate pressure  
 LP. Low pressure  
 MIs. Manufacturer's/manufacturers' instructions  
 MP. Medium pressure  
 R. Re-assessment  
 Ref. Reference  
 UPSO. Under pressure safety cut-off.

**3(a). 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.			
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. recognition of supply pressures to individual flats in multi-storey buildings		√	√
13. recognition of additional final stage regulator controlling LP supplies in multi-storey buildings		√	√
14. labelling IP and LP supplies in multi-storey buildings		√	√
15. operation and positioning of vapour service shut-off valve		√	

**3(b). LPG cylinder location, safety and sizing**

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

**4. Ventilation for appliances**

KNOWLEDGE AND UNDERSTANDING	REF	I	R
1. ventilation requirements		√	√

**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		√	