



**ACS.CGLP1
SAFETY ASSESSMENT CRITERIA
INITIAL & RE-ASSESSMENT
NON-DOMESTIC/DOMESTIC
SMALL GAS FIRED GENERATORS**

Introduction

Tests the gas safety competences of an operative in the work of install, commission, exchange, disconnect, service, repair, and break down small fired generators.

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

Air cooled Gas fired generators of rating 3 kW to 24kW.

Pre-requisites**Initial**

Relevant core or changeover CCN1/CCLP1/COCN1 or equivalent changeover or QCF or S/NVQ alternatives.

Requires fuel changeover i.e. CoNGLP1 PD (LAV or RPH) if not taken with an LPG Core.

Candidates who carry out work solely on individually outside sited LPG gas engines in purpose built enclosures or engine casings, where no other gas appliances are involved, may hold CCLP1 EP as an alternative pre-requisite core.

Re-assessment

CGLP1.

Exclusions

Electrical work, construction of generator compartments, support framework, mounting bases or swing mount generator trays and penetration of walls, roofs, or floors.

References and normative documents

MIs.

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

- HSL56
- UKLPG Cop 22
- UKLPG Cop 24
- GIUSP.

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

Abbreviations

AC. Assessment Centre

CB. Certification Body

I. Initial

MIs. Manufacturer's/manufacturers' instructions

OP. Operating pressure

R. Re-assessment

Ref. Reference.

PERFORMANCE CRITERIA		REF	I	R
1.	check gas supply pipe is of adequate size and terminates at an acceptable position for generator connection		✓	✓
2.	check gas hose and isolation valve connections conform to requirements		✓	✓
3.	locate generator restraining cable correctly and secure (if applicable)		✓	✓
4.	check generator assembly is complete and fit for use and purpose		✓	✓
5.	check generator compartment is of correct size and construction		✓	✓
6.	isolate gas supply prior to work		✓	✓
7.	fit an isolation valve to existing point		✓	✓
8.	fit generator regulator, if applicable		✓	✓
9.	fit flexible connection to appliance and connect to supply		✓	✓
10.	re-establish gas supply		✓	✓
11.	check work carried out is gas tight		✓	✓
12.	locate generator; level, stable and secure		✓	✓
13.	check compartment ventilation meets requirements		✓	✓
14.	dismantle and clean generator operational gas safety components, using appropriate cleaning methods and agents, e.g. taps; regulator; carburettor; spark plugs; solenoid; air filter		✓	✓
15.	commission generator:			
(i)	purge generator of air		✓	✓
(ii)	check operating pressure at generator is to MIs (adjust regulator, if applicable)		✓	✓
(iii)	set up carburettor (adjust, as necessary, to MIs)		✓	✓
(iv)	check user controls are operating correctly		✓	✓
(v)	check safety control devices are operating correctly		✓	✓
16.	identify defects on gas safety components		✓	✓
17.	explain safe operation and use of appliance		✓	✓
Knowledge and Understanding		REF		
1.	identify unsafe conditions		✓	
2.	diagnosing gas safety faults		✓	
3.	flexible connections for generators		✓	
4.	suitable and unsuitable generator locations		✓	
5.	clearances - proximity of combustible materials		✓	
6.	ventilation		✓	