

ACS.ICPN1 LS SAFETY ASSESSMENT CRITERIA INITIAL AND RE-ASSESSMENT NON-DOMESTIC NATURAL GAS &LPG PIPEWORK & FITTINGS LIMITED SCOPE

ICPN1 LS INITIAL & RE-ASSESSMENT

Introduction

Tests gas safety competence in first fixing of installation pipework in non-domestic premises, without connection to a live gas supply.

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

Work on non-domestic pipework up to a maximum operating pressure of 16 bar

Steel, CSST, copper pipework and PE transitional fittings of diameter > 35 mm (114'').

Electro-fusion jointing of PE pipework is covered in EFJLP1.

Pre-requisites

Initial

None. ICPN1 LS is a stand-alone assessment.

Re-assessment

ICPN1 LS.

Exclusions

Competence for work above 5 bar including additional clauses included in edition 3 of the standard e.g. 'hot tapping' must be covered by a suitable Training and Assessment programme delivered via a Certification Body.

Penetrating or making good of walls floors or ceilings, application of pipework protection, work on gas service pipes, welding of steel joints, butt or electro-fusion of PE joints, installation of main equipotential earth bonding, digging or back filling of trenches.

Aspects of connection of pipework to a gas supply, introduction of any gas to the pipework, tightness testing or commissioning of pipework, appliances or equipment are covered by other Gas Safety Assessments. Installation of, and associated work on, boosters is covered by BMP1.

References and Normative documents

MIs.

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

- HSL56
- IGEM/G/1
- IGEM/UP/2 Edition 3
- BS 1710
- UKLPG CoP22
- GIUSP.
- IGEM/UP/16 Communication 1756

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

Abbreviations

AC. Assessment Centre CB. Certification Body CSST. Corrugated stainless steel tube I. Initial LS. Limited Scope MIs. Manufacturer's/manufacturers' instructions R. Re-assessment Ref. Reference.

1. join CSST ✓ ✓ 2. ✓ ✓ 3. join steel pipe using taper threaded appropriate jointing material ✓ 4. Join steel pipe using flanges and appropriate jointing material ✓ 5. join steel pipe using capillary end feed fitting, methods and agents ✓ 6. join copper pipe using capillary end feed fitting, method and agents ✓ 7. connect PE pipe to steel pipe using appropriate transitional fittings, methods and agents ✓ 9. join stainless steel pipe/copper pipe with appropriate pressed joints and tools ✓ 10. check jointing work carried out is gas tight (method at AC discretion) ✓ ✓ 11. install bonding strap or permanent continuity bond correctly across an appropriate flange/adaptor or semi rigid coupling ✓ ✓ 12. select correct isolation valves to MIs and for application ✓ ✓ ✓ 13. inspect pre-installed pipework and identify correct/incorrect jointing ✓ ✓ ✓ 14. limitations on romina bores for jointing steel pipework ✓ ✓ ✓ 14. limitations for use of CSST ✓ ✓ ✓ ✓ 13. inspect pre-installed pipework and identify correct/incorrect pipework ✓ ✓ ✓ 14. Steel pipe an	PER	ORMANCE CRITERIA	REF	Ι	R
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20. location and limitations on use of pressed joints with stainless steel or copper pipework $$	18.	requirement, speed of operation and types of automatic isolation valve		\checkmark	\checkmark
20. location and limitations on use of pressed joints with stainless steel or $$	19.	HSL56. Reg. 24 Large consumers (1) to (3)			
		location and limitations on use of pressed joints with stainless steel or		\checkmark	
	21.			\checkmark	

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22.	effects of vibration from appliances and equipment	\checkmark	
23.	Awareness of Hazardous Area Classification	\checkmark	\checkmark