

ACS.BMP1 SAFETY ASSESSMENT CRITERIA INITIAL & RE-ASSESSMENT NON-DOMESTIC NATURAL GAS GAS BOOSTERS

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BMP1 INITIAL & RE-ASSESSMENT

Introduction

Tests the gas safety competence of an operative in the work of assembly, install, commission, service, repair and break down of gas booster installations, associated controls and pipework up to 0.5 bar pressure.

These assessments do not include tightness testing and purging (see TPCP1A and TPCP1).

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

Gas boosters, associated controls and pipework (OP ≤ 0.5 bar)

Pre-requisites

Initial

Any of COCN1; COCNPI1LS; CCN1 with CoDNCO1 or QCF or S/NVQ + ICPN 1 if pipework diameter > 50 mm.

Re-assessment

Generic non-domestic Core re-assessment Group 1
Part 1, CoCNNP1LS or Group 3 Part A + Part B CoCN1 or BMP1 or QCF or S/NVQ.
+

ICPN 1 if pipework diameter > 50 mm diameter.

Exclusions

Building, penetrating or making good of walls, floors, roofs or ceilings, application of pipework protection, gas service pipes, welding of steel joints, main equipotential earth bonding, electrical, digging or filling of trenches, construction of solid bases, beds or platforms for mounting of boosters, gas work associated with pre-mix machines or compressors.

References and normative documents

MIs.

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

- HSL56
- GIUSP
- IGE/UP/1 Edition 2
- IGE/UP/2 Edition 3
- IGE/UP/4 Edition 3.

Abbreviations

AC. Assessment Centre

CB. Certification Body

GT. Gas transporter

I. Initial

MIs. Manufacturer's/manufacturers' instructions

MIV. Meter inlet valve

NRV. Non-return valve

OP. Operating pressure

R. Re-Assessment

Ref. Reference.

PERF	ORMANCE CRITERIA	REF	I	R
1a.	check location is suitable		√	√
1b.	check ventilation for location		√	√
1.	check gas supply is of adequate size		√	\checkmark
2.	check site base/bed or platform meets requirements		√	√
3.	check booster pipework; flexible metallic hoses; fittings; controls are fit for use and		√	\checkmark
	purpose			
4.	check booster mounted on base, bed or platform, using anti-vibration mounts, if		\vee	\checkmark
	applicable			
5.	isolate gas supply prior to work			
6.	join connecting pipework, align and adequately support independent of booster			
7.	assemble system controls and install in sequence			\checkmark
8.	install small controlled by-pass and valve			
9.	install test and purge points, as required			
10.	check work carried out is gas tight			
11.	purge and commission pipework/system controls to MIs			
12.	check gas safety control devices are operating correctly and adjust where applicable			
13.	dismantle and clean booster operational gas safety components, using appropriate			\checkmark
	cleaning methods, agents and lubricants (e.g. booster motor drive belts, pressure			
	control and relief valves, NRVs, isolation valves, low pressure cut off devices,			
	modulating by-pass control valves)			
14.	complete necessary installation drawings			
15.	position appropriate warning labels at MIV, near to booster and on installation		√	√
	WLEDGE & UNDERSTANDING			
			/	/
1.	steel pipe and fittings for gas pipework; in particular flange categories		√ /	√
2.	locations		√	√
2.	locations protection equipment. Statutory requirements		√ √	√ √
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