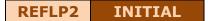


ACS.REFLP2 SAFETY ASSESSMENT CRITERIA INITIAL.DOMESTIC.LPG CARAVAN/BOAT REFRIGERATORS

ACS.SMB.004.AC.TABLE 3.REFLP2. INITIAL



Introduction

Tests gas safety competence to install, exchange, disconnection, service, repair, break down and commission domestic LPG space refrigerators in motorised and touring caravans, and boats.

DUE TO THE NATURE OF THE APPLIANCES COVERED BY THIS ASSESSMENT, IT IS NOT GUARANTEED TO MAINTAIN THIS ASSESSMENT IN ACCORDANCE WITH NORMATIVE STANDARDS. WHILE EVERY EFFORT IS MADE TO CATER FOR NEW APPLIANCES ON THE MARKET, THE ASSESSMENT MAY NOT CATER FOR ALL AVAILABLE MODELS. PARTICULAR ATTENTION HAS TO BE GIVEN TO MANUFACTURERS' INSTRUCTIONS.

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

Caravan/boat refrigerators such as the Electrolux RM 4230 and RM 4231.

Pre-requisites

CCLP1 B or LAV, or CoNGLP1 B or LAV.

Exclusions

Kitchen cabinetry; carpentry involved in preparing enclosures; electricity; penetration of structure of caravan.

References and normative documents

MIs.

All relevant documents as listed in the Legislative, Normative & Informative Document List

(LINDL), inc.:

- HSL56
- BS 5482-2
- BS EN 721
- BS EN 1949
- BS EN 10239
- GIUSP.

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

Abbreviations:

AC. Assessment Centre
CB. Certification Body
FSD. Flame supervision device
I. Initial
MIs. Manufacturer's/manufacturers' instructions
OP. Operating pressure
Ref. Reference.

PERF	ORMANCE CRITERIA	REF	Ι
1.	check appliance assembly is complete and fit for purpose		\checkmark
2.	isolate gas supply prior to work		\checkmark
3.	check ventilator/flue holes through caravan wall and/or boat requirements are correct		\checkmark
	and fitted with grilles to MIs		
4.	check enclosure is of correct dimensions, battened and fitted with sealing strips to MIs		\checkmark
5.	slide appliance into position flush with front of recess and secure to cabinet through		\checkmark
	four plastic bushes in side walls		
6.	seal appliance in enclosure		\checkmark
7.	make gas connection using 8 mm pipe and appropriate fittings, including a union gas		\checkmark
	cock for isolation		
8.	position gas dispersal drain (drop hole for LAVs only) in base of enclosure		\checkmark
9.	re-establish gas supply		\checkmark
10.	check work carried out is gas tight		\checkmark
11.	dismantle and clean appliance operational gas components, using appropriate		\checkmark
	cleaning methods and agents, e.g. burner, injectors, primary air ports, ignition, FSDs,		
	combustion flue ways and ventilators		
12.	commission appliance:		
(i)	purge appliance of air		\checkmark
(ii)	turn off switches for 240 V and 12 V		\checkmark
(iii)	turn on control tap to maximum		\checkmark
(iv)	turn on electric igniter/press piezo-electric igniter button, while depressing FSD knob		\checkmark
(v)	check burner flame picture, stability and ignition		\checkmark
(vi)	check OP at appliance		\checkmark
(vii)	check user controls are operating correctly		\checkmark
(viii)	check safety control devices are operating correctly		\checkmark
(ix)	check temperature controls are operating correctly		\checkmark
13.	identify defects on gas safety components		\checkmark
14.	explain safe operation and use of appliance		\checkmark
KNO\	WLEDGE AND UNDERSTANDING	REF	
1.	identification of unsafe conditions		\checkmark
2.	diagnosis of gas safety faults		\checkmark
3.	suitable and unsuitable appliance space locations		\checkmark
4.	operation of mechanical and electrical gas safety control devices		\checkmark
5.	clearances - proximity of combustible materials - fire proofing of compartments		\checkmark