

Guidance on assessment in accordance with the ACRIB training specification for flammable refrigerants (Classification A2L, A2 & A3)

This document is a supplement to the full ACRIB specification and should be read in association with it.

Preparing candidates for the assessment

1. It is suggested that the training, demonstration and assessment to deliver courses based on this specification would be approximately 7 hours in duration including up to 1hr for the theory test.
2. There is no weighting of any specific criteria however particular attention should be paid during the preparation of the student for the assessment to criteria 1.1, 2.3, 6.2, 6.3 and 6.4 related to understanding the safety issues around charge size limitations by location of equipment, access category and type of system (comfort cooling or other), and that there are different methodologies for calculating the safe maximum charge size within EN378 and EN 60335-2-40.

Assessment question preparation

3. Assessment questions should cover the full range of the assessment criteria in the Specification.
4. ACRIB has not set a requirement for the maximum/minimum number of questions to be included in assessments nor for the size of the question bank from which these are drawn. However there should be more than one question paper available to avoid predictability and questions must be reviewed regularly and a proportion changed if necessary, for example once a year.

Conducting assessments

5. Candidates may have access to essential information relating to location classification and access categories for RACHP systems. They may have access to printed copies of essential formula that might be needed and a calculator to enable them to make any calculations.
6. Assessment organisations may conduct the knowledge-based assessments as closed or open book examinations.

Certification

Certificates issued may include the following wording “Certificate of achievement / Award in understanding of flammable refrigerants (A2L, A2, A3) in accordance with the Air Conditioning and Refrigeration Industry Board (ACRIB) training specification”

It is recommended that assessments be repeated every 5 years to ensure technicians remain up to date with changing safety standards, regulations on the use of flammable substances and new refrigerant/technology developments or applications.

Assessment organisations should advise ACRIB of final qualification details (eg reference numbers) and send a sample certificate if they would like to request that ACRIB include their qualification in the list of qualifications accepted as evidence for the ACRIB SkillCARD.

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