

Technical Requirement for Environmental Products  
The Certificable Technical Requirement for Environmental Labelling Products  
**CFCs-free Refrigerating Equipment for Industry and Commerce**

HJBZ 22-1998

---

## 1 Scope

This technical requirement specifies definition, category, basic requirement, technical content and test method for environmental labelling products of CFCs-free refrigerating equipment for industry and commerce.

This technical requirement shall apply to various refrigerating equipments except household refrigerating equipment and air conditioners for vehicle/ship.

## 2 Standards cited

Provisions in the following standards are cited in this technical requirement, and therefore form the provisions in this standard. They have the same effectiveness as the technical requirement itself.

JB/T 8055-96 Direct burning style bromide lithium absorb warm and cold set

In case of the criteria above are revised, the latest version should be applied.

## 3 Definition

"Refrigerating equipment for industry and commerce" refers to refrigerating (or heating) equipment used in industry production and commercial activity.

## 4 Basic requirements

4.1 Quality of products shall conform with requirement of relevant product quality standards.

4.2 Safety performance of the product should meet the requirements of relevant safety standards.

4.3 Pollutant emission of the company should conform with pollutant emission standards nationally or locally.

## 5 Technical contents

5.1 No R11, R12, R13, R114, R22 or their mixed substances should be used as refrigerant in the product.

5.2 The lagging casing of the equipment should not use materials containing CFCs, HCFCs as foaming agent.

5.3 Fume emission of direct burning style bromide lithium absorb warm and cold set should conform with the requirement in 5.14 section of JB/T 8055-96.

## 6 Test

6.1 Requirements for quality of products, safety performance, pollutant emission of the company and fume emission should be checked by the way of documentation review.

6.2 As to the requirements for refrigerant and foaming agent in products should be proved by the method of field inspection.

---

Approved by SEPA on 02/26/1998

Entered into force on 02/26/1998

**Annotations:**

This technical requirement has been prepared by Department of Science, Technology and Standards of State Environment Protection Administration.

The State Environment Protection Administration keeps the right of interpretation for this technical requirement.