

BUREAU OF INDIAN STANDARDS**DRAFT FOR COMMENTS ONLY***(Not to be reproduced without the permission of BIS or used as an Indian Standard)**भारतीय मानक मसौदा***रेफ्रिजरेटिंग सिस्टम और हीट पंप – कर्मियों की क्षमता***(आई एस ओ 22712 : 2023 का अधिग्रहण)***Draft Indian Standard****REFRIGERATING SYSTEMS AND HEAT PUMPS — COMPETENCE OF PERSONNEL***(Adoption of ISO 22712 : 2023)*

ICS 03.100.30; 27.200; 27.080

Refrigeration and Air Conditioning Sectional
Committee, MED 03Last date for receipt of
comments is **07 June 2024****NATIONAL FOREWORD***(Adoption clauses to be added later)*

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 5149-1, Refrigerating systems and heat pumps — Safety and environmental	IS 16678 (Part 1) : 2018/ISO 5149-1 : 2014, Refrigerating systems and heat	Identical

requirements — Part 1: Definitions, classification and selection criteria	pumps — Safety and environmental requirements Part 1 Definitions, classification and selection criteria	
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The technical committee has reviewed the provision of the following Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
EN 378-1	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 1: Basic requirements, definitions, classification and selection criteria

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of the document has not been enclosed as these are identical with the corresponding ISO standard. For details, please refer the corresponding **ISO 22712 : 2023** or kindly contact:

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