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# Refrigerating systems and heat pumps — Safety and environmental requirements —

## Part 4: Operation, maintenance, repair and recovery

*Systèmes frigorifiques et pompes à chaleur — Exigences de sécurité et d'environnement —*

*Partie 4: Fonctionnement, maintenance, réparation et récupération*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5149-4 was prepared by Technical Committee ISO/TC 86, *Refrigeration and air-conditioning*, Subcommittee SC 1, *Safety and environmental requirements for refrigerating systems*.

This first edition of ISO 5149-4, together with ISO 5149-1, ISO 5149-2 and ISO 5149-3, cancels and replaces ISO 5149:1993, which has been technically revised.

ISO 5149 consists of the following parts, under the general title *Refrigerating systems and heat pumps — Safety and environmental requirements*:

*Part 1: Definitions, classification and selection criteria*

*Part 2: Design, construction, testing, marking and documentation*

*Part 3: Installation site*

*Part 4: Operation, maintenance, repair and recovery*