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## **Nuclear facilities — Criteria for the design and operation of ventilation systems for nuclear installations other than nuclear reactors**

*Installations nucléaires — Critères pour la conception et l'exploitation des systèmes de ventilation des installations nucléaires autres que les réacteurs nucléaires*



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## Foreword

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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 17873 was prepared by Technical Committee ISO/TC 85, *Nuclear energy*, Subcommittee SC 2, *Radiation protection*.

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## Introduction

This International Standard applies to all types of nuclear installations other than primary containment envelopes of nuclear power plants or certain categories of research reactors.

The installations concerned are particle accelerators, radiation generators, fusion machines, research and examination laboratories and, more generally, all types of nuclear fuel cycle installations (e.g. enrichment plants, nuclear fuel fabrication and examination laboratories, plutonium-handling facilities, reprocessing plants, radioactive waste treatment stations, radioactive waste storage facilities, etc).

It can also be applied to the primary containment envelope of research reactors, where only low pressure can occur during accident scenarios, as well as to auxiliary rooms of nuclear power plants.

Specific features associated with the containment envelope of nuclear power plants or certain categories of research reactors will be developed in another International Standard.