
Indoor air —

Part 40:

Indoor air quality management system

Air intérieur —

Partie 40: Système de management de la qualité de l'air intérieur



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 146, *Air quality*, Subcommittee SC 6, *Indoor air*.

A list of all parts in the ISO 16000 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

When not in the home urban populations spend most of the time indoors working in commercial buildings, enjoy leisure time in hotels or shopping malls, or maybe using services in hospitals and transportation centers among other types of facilities. There are many scientific studies showing that special characteristics of indoor air pollution make enclosed spaces quite different from the outdoors in terms of the quality of the air. There is a lot of knowledge about indoor air pollution, however, there is a general lack of practical application of most of this information in the everyday life of the general public, this document aims to help the managers of indoor built environments to apply protocols and maintenance programs intended to enhance indoor air quality.

This document will help facility managers to apply protocols and maintenance processes designed to enhance indoor air quality in their indoor spaces.

Controlling the quality of the indoor air can have enormous social benefits in terms of comfort and health of the population, therefore enhancing productivity and minimizing absenteeism in commercial premises as well as minimising nosocomial infections in hospital environments.

Indoor air —

Part 40:

Indoor air quality management system

1 Scope

This document specifies requirements for an indoor air quality management system.

It is applicable to any organization that wishes to:

- a) establish a system for the management of the quality of indoor air;
- b) implement, maintain and continually improve the indoor air quality management system;
- c) ensure conformity to the indoor air quality management system;
- d) demonstrate conformity to this document.

It is applicable to the indoor environments of all kinds of facilities, installations and buildings, except those that are exclusively dedicated to industrial and/or agriculture activities.

It is applicable to all types of indoor environments occupied by all kinds of persons, including regular users, clients, workers, etc.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

organization

person or group of people that has its own functions with responsibilities, authorities and relationships to achieve its *objectives* (3.8)

Note 1 to entry: The concept of organization includes, but is not limited to sole-trader, company, corporation, firm, enterprise, authority, partnership, charity or institution, or part or combination thereof, whether incorporated or not, public or private.

Note 2 to entry: For organizations with more than one operating unit, a single operating unit may be defined as an organization.