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## **Nuclear facilities — Ventilation penetrations for shielded enclosures**

*Installations nucléaires — Traversées de ventilation pour enceintes  
blindées*



Reference number  
ISO 15080:2001(E)

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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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 15080 was prepared by Technical Committee ISO/TC 85, *Nuclear energy*, Subcommittee SC 2, *Radiation protection*.

Annex A forms an integral part of this International Standard. Annexes B and C are for information only.

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## Introduction

This International Standard provides guidance and recommendations for the design, mounting and assembly of static penetration systems used for ventilation purposes in shielded enclosures. It gives general requirements on the material to be used, the construction of the different types of penetrations which can be used, the way of mounting and assembling and, finally, standard dimensions for some typical equipment.