

# INTERNATIONAL STANDARD

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## **Tolerances for building —**

### **Part 8 : Dimensional inspection and control of construction work**

*Tolérances pour le bâtiment —*

*Partie 8 : Vérification dimensionnelle et contrôle dimensionnel des travaux de  
construction*



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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3443-8 was prepared by Technical Committee ISO/TC 59, *Building construction*.

ISO 3443 consists of the followings parts, under the general title *Tolerances for building*:

- *Part 1: Basic principles for evaluation and specification*
- *Part 2: Statistical basis for predicting fit between components having a normal distribution of sizes*
- *Part 3: Procedures for selecting target size and predicting fit*
- *Part 4: Method for predicting deviations of assemblies and for allocation of tolerances*
- *Part 5: Series of values to be used for specification of tolerances*
- *Part 6: General principles for approval criteria, control of conformity with dimensional tolerance specifications and statistical control — Method 1*
- *Part 7: General principles for approval criteria, control of conformity with dimensional tolerance specifications and statistical control — Method 2 (Statistical control method)*
- *Part 8: Dimensional inspection and control of construction work*

Annexes A and B of this part of ISO 3443 are for information only.

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International Organization for Standardization

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# Tolerances for building —

## Part 8 :

## Dimensional inspection and control of construction work

### 1 Scope

This part of ISO 3443 gives the procedures to be understood and a list of items to be agreed upon by all parties in a building project. It applies to dimensional quality control procedures and requirements, to be used for construction work.

Annex A contains a list of recommendations to be used where applicable.

### 2 Requirements

Before the start of erection work the following should be agreed upon and observed by the parties concerned :

- a) objects and their characteristics which should be checked, and reference to tolerance specifications;

- b) the stages of construction at which control shall take place;

- c) the parties responsible for the control;

- d) sampling plans and reference to measurement methods;

- e) procedures and consequences in case of non-compliance;

- f) definition of starting and terminating time of control;

- g) documentation of inspection.