## 2 IANDARD

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Glass containers — Height and non-parallelism of finish with reference to container base — Test methods

Récipients en verre — Hauteur et non-parallélisme de la bague par rapport au fond du récipient — Méthodes d'essai



## **Foreword**

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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.

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## Introduction

The test methods specified in this International Standard refer to two technical features of quality which are as a rule stated separately. However, since both features affect the performance of a container and the test methods on the two features can be carried out at the same time using the same apparatus, the test methods have been given in one International Standard.

# Glass containers — Height and non-parallelism of finish with reference to container base — Test methods

#### 1 Scope

This International Standard specifies test methods for determining the height and the non-parallelism of finish with reference to the container base of glass containers.

#### 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7348:1991, Glass containers — Manufacture — Vocabulary.

### 3 Definitions

For the purposes of this International Standard, the definitions given in ISO 7348 and the following definitions apply.

- 3.1 (maximum) height of a container: The distance between the highest point on the plane of the top surface of the finish and the standing surface. (See figure 1.)
- 3.2 minimum height of a container: The distance between the lowest point on the plane of the top surface of the finish and the standing surface. (See figure 1.)
- 3.3 non-parallelism: The difference between the maximum and minimum heights of a container. (See figure 1.)

## 4 Principle

- 4.1 Checking of the height of a container using maximum and minimum GO/NO GO gauges or by using an appropriate measuring instrument. Determination of the (maximum) height.
- 4.2 Determination of the non-parallelism of finish.

#### 5 Apparatus

## 5.1 For checking the height

Various types of gauge exist. Examples are given in 5.1.1 and 5.1.2.

- 5.1.1 Height gauge, consisting for example of a baseplate with one or two vertical pillars and
- a) a fixed horizontal cross-piece, in which case the distance between the baseplate and the crosspiece is equivalent to the dimension to be gauged, or
- b) a fixed horizontal cross-piece with a step, in which case the distances between the baseplate and the two portions of the cross-piece are equivalent to the maximum and minimum heights to be gauged (see, for example, figure 2), or
- an adjustable horizontal cross-piece, which may be fixed at a distance from the baseplate equivalent to the distance to be gauged.
- 5.1.2 Window gauge, which combines minimum body diameter and maximum height.