TECHNICAL REPORT – TYPE 2

IEC 61902

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Household microwave ovens – Visual clarity of see-through oven doors

Fours domestiques à micro-ondes –
Transparence optique des portes de fours à fenêtre

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HOUSEHOLD MICROWAVE OVENS –

VISUAL CLARITY OF SEE-THROUGH OVEN DOORS

FOREWORD

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Technical reports of types 1 and 2 are subject to review within three years of publication to decide whether they can be transformed into International Standards. Technical reports of type 3 do not necessarily have to be reviewed until the data they provide are considered to be no longer valid or useful.

IEC 61902, which is a technical report of type 2, has been prepared by subcommittee 59H: Microwave ovens, of IEC technical committee 59: Performance of household electrical appliances.

The text of this technical report is based on the following documents:

Committee draft	Report on voting
59H/75/CDV	59H/87/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document is being issued in the type 2 technical report series of publications (according to subclause G.3.2.2 of part 1 of the IEC/ISO Directives) as a "prospective standard for provisional application" in the field of household electrical appliances, because there is an urgent need for guidance on how standards in this field should be used to meet an identified need.

This document is not be regarded as an "International Standard". It is proposed for provisional application so that information and experience of its use in practice may be gathered. Comments on the content of this document should be sent to the IEC Central Office.

A review of this type 2 technical report will be carried out not later than three years after its publication, with the options of: extension for a further three years; conversion into an International Standard; or withdrawal.

Annex A is for information only.

INTRODUCTION

After a general description of the concept of visual clarity and the reasons for considering it as a performance factor, the ambient conditions are discussed. The proposed measurements and evaluations are then described. Finally, some technical test results and comparisons with panel testing results are given.

HOUSEHOLD MICROWAVE OVENS –

VISUAL CLARITY OF SEE-THROUGH OVEN DOORS

1 Scope

This technical report specifies the characteristics of the visual clarity of see-through microwave oven doors.

The tests outlined here may also be applicable to ranges and other household appliances where the workload is enclosed but visible during the treatment.

2 Normative reference

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

IEC 60705:1988, *Methods for measuring the performance of microwave ovens for household and similar purposes*