

# Rotating sprinklers for irrigation equipment —

## Part 2: Methods of test for uniformity of distribution

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Agricultural Machinery and Implements Standards Policy Committee (AGE/-) to Technical Committee AGE/30, upon which the following bodies were represented:

- Agricultural Engineers' Association
- British Agricultural and Garden Machinery Association Ltd.
- Health and Safety Executive
- Ministry of Agriculture, Fisheries and Food
- National Farmers' Union
- Silsoe College (Cranfield Institute of Technology)
- Silsoe Research Institute
- UK Irrigation Association
- Water Services Association of England and Wales
- Well Drillers' Association

This British Standard, having been prepared under the direction of the Agricultural Machinery and Implements Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 30 August 1991

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# National foreword

This British Standard has been prepared under the direction of the Agricultural Machinery and Implements Standards Policy Committee. It is identical with ISO 7749-2:1990 Irrigation equipment — Rotating sprinklers — Part 2: Uniformity of distribution and test methods, published by the International Organization for Standardization (ISO).

*Textual error.* When adopting the text of the International Standard, the textual error given below was discovered. It has been marked in the text and has been reported to ISO in a proposal to amend the text of the International Standard.

In Annex A , in particular A.3 d) and again in A.5 d) each section refers to the need for the collectors to be placed between four sprinklers identical to the tested sprinkler in order to collect sufficient data to calculate the co-efficient of uniformity. However, if the sprinkler spacing is less than 50 % of the throw of the sprinkler, then 16 sprinklers around the test area would actually contribute to the uniformity data and not just four.

### Cross-reference

| International Standard | Corresponding British Standard                                                                                                |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| ISO 7749-1:1986        | BS 7459 <i>Rotating sprinklers</i><br>Part 1:1991 <i>Specification for design and operational requirements</i><br>(Identical) |

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.