

Test facilities for agricultural irrigation equipment

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National foreword

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Cross-references

The British Standards which implement international publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

Summary of pages

This document comprises a front cover, an inside front cover, the ISO/TR title page, pages ii to iv, pages 1 to 15 and a back cover.
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TECHNICAL REPORT

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Test facilities for agricultural irrigation equipment

Installations d'essais pour le matériel agricole d'irrigation



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Foreword

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ISO/TR 15155 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 18, *Irrigation and drainage equipment and systems*.

Test facilities for agricultural irrigation equipment

1 Scope

This Technical Report is intended to provide guidance on the design, selection, installation and use of the equipment required to establish basic test facilities for irrigation equipment evaluation. Its purpose is to provide information sufficient to complement the detailed procedures included in ISO 9261, ISO 15886, ISO 7714, ISO 9635, ISO 9644, ISO 9911, ISO 9952 and ISO 10522 for the testing of agricultural irrigation system components, specifically: emitters, sprinklers and valves.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15886-1, *Agricultural irrigation equipment — Sprinklers — Part 1: Definition of terms and classification*

ISO 15886-3, *Agricultural irrigation equipment — Sprinklers — Part 3: Characterization of distribution and test methods*

ISO 9261, *Agricultural irrigation equipment — Emitters and emitting pipe — Specification and test methods*

ISO 7714, *Agricultural irrigation equipment — Volumetric valves — General requirements and test methods*

ISO 9635, *Irrigation equipment — Hydraulically operated irrigation valves*¹⁾

ISO 9644, *Agricultural irrigation equipment — Pressure losses in irrigation valves — Test method*

ISO 9911, *Agricultural irrigation equipment — Manually operated small plastics valves*

ISO 10522, *Agricultural irrigation equipment — Direct-acting pressure-regulating valves*

ISO/IEC 17025:1999, *General requirements for the competence of testing and calibration laboratories*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

test bench

collection of components, including water supply/receiving reservoir, piping, fittings and instrumentation, assembled to test an agricultural irrigation component

1) Under revision.