Draft for Public Comment

Form 36

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Responsible committee: WEE/46/6 Leak Testing

Interested committees:

Title: Draft BS ISO 6366 Non-destructive testing - Leak testing - Radioactive tracer methods for pressured vessels and underground pipelines.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

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UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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- All comments should be submitted online at **https://standardsdevelopment.bsigroup.com/**. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 6366

Non-destructive testing — Leak testing — Radioactive tracer methods for pressured vessels and underground pipelines

ICS: 19.100

ISO/TC **135**/SC **6**

Secretariat: **JISC**

Voting begins on:
2024-07-12

Voting terminates on:
2024-10-04

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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.

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 6, *Leak testing*.

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Introduction

This standard deals with leak testing in pressured vessels and underground pipelines using a radioactive tracer.

A leak can be detected by various methods some of which can be used on-line while others can be applied off-line. In some cases, the same method can be used in both off-line and/or on-line situations but with different sensitivities.

Radioactive tracers help in early detection of leaks, thus reducing shutdown time, ensuring safe operation and protecting the environment from pollution. Radioactive tracer methods are mostly used for on-line leak testing. This International Standard treats with radioactive tracer methods only.

According to the methods and targets, radioactive tracers for leak testing are grouped in two categories:

a) Leak testing in plant processing units, such as pressure vessels, heat exchangers, valves, flares, boilers, pipelines.

b) Leak testing in underground pipelines.

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