Draft for Public Comment

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Interested committees:

Title: BS ISO 22500 Draft Non-destructive testing - Magnetic flux leakage testing - Corrosion of steel plates and steel pipes of in-service equipment.

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Introduction

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For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British 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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

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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 22500

Non-destructive testing — Magnetic flux leakage testing — Corrosion of steel plates and steel pipes of in-service equipment

ICS: 77.040.20

ISO/TC **135**/SC **2**

Secretariat: **SABS**

Voting begins on:
2025-08-04

Voting terminates on:
2025-10-27

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Foreword

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 2, *Surface methods*.

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Introduction

Industrial applications of magnetic flux leakage (MFL) testing for steel pipelines, pressure vessels and atmospheric storage tanks have been gaining wider usage alongside marked improvement of MFL testing technologies. The effectiveness of any application of MFL testing depends upon proper and correct use of the MFL testing instruments and test techniques.

Due to the lack of relevant standards for MFL testing in ISO at present, the purpose of this document is to provide requirements for the testing equipment, testing procedures and evaluation method of test results for MFL testing for corrosion of steel plates and steel pipes of in-service equipment.

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