Draft for Public Comment

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Responsible committee: PEL/2 Rotating electrical machinery

Interested committees:

Title: Draft BS EN IEC 60034-18-32 Rotating electrical machines. Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Evaluation by electrical endurance.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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ii) affects other national standard(s)
iii) requires additional national guidance or information

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Responsible Committee Secretary: Committee Service Centre (BSI)
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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.

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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

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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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2/1965/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER: **IEC 60034-18-32 ED2**	
DATE OF CIRCULATION: **2019-07-12**	CLOSING DATE FOR COMMENTS: **2019-09-06**
SUPERSEDES DOCUMENTS: **2/1894/RR**	

IEC TC 2 : ROTATING MACHINERY	
SECRETARIAT: United Kingdom	SECRETARY: Mr Charles Whitlock
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY	

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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems – Test procedures for form-wound windings – Evaluation by electrical endurance

NOTE FROM TC/SC OFFICERS:

The commenting period is set to an 8-week to allow discussion whithin MT10 during its meeting in October 2019.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ROTATING ELECTRICAL MACHINES –

Part 18-32: Functional evaluation of insulation systems – Electrical endurance qualification procedures for form-wound windings

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International Standard IEC 60034-18-32 has been prepared by IEC technical committee 2: Rotating machinery.

This third edition cancels and replaces the second edition issued in 2010 and constitutes a technical revision.

The main technical changes with regard to the previous edition are as follows.

a) Simplification of clauses

b) Reduction in the number of test procedures

c) Inclusion of full bars and coils as test objects

d) A new clause dealing with failures and failure criteria

The text of this standard is based on the following documents:

FDIS	Report on voting
2/XX/FDIS	2/XX/RVD

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

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- replaced by a revised edition, or
- amended.

NOTE A table of cross-references of all IEC TC2 publications can be found in the IEC TC2 dashboard on the IEC website.

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INTRODUCTION

Part 1 of IEC 60034-18 presents general principles for the evaluation of insulation systems used in rotating electrical machines.

This Standard deals exclusively with insulation systems for form-wound windings and concentrates on electrical functional evaluation.

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