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Interested committees:

Title: BS EN IEC 63589-1 Linear accelerator - Electron linear accelerator for radiation processing

Part 1: General requirement and testing method

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Introduction

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Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	(7)
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/ Table/Note	Type of comment	Comment (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.	



45/984/CD

COMMITTEE DRAFT (CD)

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SECRETARIAT:

IEC Secretariat

SECRETARY:

Mr Anson Chiah

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ASPECTS CONCERNED:

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TITLE:

Linear accelerator - Electron linear accelerator for radiation processing - Part 1: General requirement and testing method

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LINEAR ACCELERATOR –
ELECTRON LINEAR ACCELERATOR FOR RADIATION PROCESSING –
PART 1: GERNERAL REQUIREMENTS AND TEST METHODS****FOREWORD**

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International Standard IEC XXXXX-1 has been prepared by IEC Technical Committee 45:Nuclear instrumentation.

INTRODUCTION

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114 Electron linear accelerator for radiation processing is a device that generates a high-energy
115 electron beam through a linear radio frequency resonant structure. The accelerator device has
116 the advantages of no toxicity and radiation residue, high radiation efficiency, easy operation and
117 control, etc. It is an important equipment for radiation sterilization, radiation modification,
118 radiation solidification, radiation degradation, agricultural breeding and other radiation processing
119 fields.