



NSAI
Standards

Standard Recommendation
S.R. CLC/TR 62271-303:2009

High-voltage switchgear and controlgear -- Part 303: Use and handling of sulphur hexafluoride (SF₆) (IEC/TR 62271-303:2008 (EQV))

S.R. CLC/TR 62271-303:2009

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i>	<i>This document is based on:</i> CLC/TR 62271-303:2009	<i>Published:</i> 3 September, 2009
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This document was published under the authority of the NSAI and comes into effect on: 8 September, 2009	ICS number: 29.130.10
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Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL REPORT
RAPPORT TECHNIQUE
TECHNISCHER BERICHT

CLC/TR 62271-303

September 2009

ICS 29.130.10

English version

**High-voltage switchgear and controlgear -
Part 303: Use and handling of sulphur hexafluoride (SF₆)
(IEC/TR 62271-303:2008)**

Appareillage à haute tension -
Partie 303: Utilisation et manipulation
de l'hexafluorure de soufre (SF₆)
(CEI/TR 62271-303:2008)

Hochspannungs-Schaltgeräte
und -Schaltanlagen -
Teil 303: Gebrauch von und Umgang
mit Schwefelhexafluorid (SF₆)
(IEC/TR 62271-303:2008)

This Technical Report was approved by CENELEC on 2009-07-03.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of the Technical Report IEC/TR 62271-303:2008, prepared by SC 17A, High-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was circulated for voting in accordance with the Internal Regulations, Part 2, Subclause 11.4.3.3 (simple majority) and was approved by CENELEC as CLC/TR 62271-303 on 2009-07-03.

Annex ZA has been added by CENELEC.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-441	- 1)	International Electrotechnical Vocabulary (IEV) - Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60376	- 1)	Specification of technical grade sulfur hexafluoride (SF ₆) for use in electrical equipment	EN 60376	2005 2)
IEC 60480	- 1)	Guidelines for the checking and treatment of sulphur hexafluoride (SF ₆) taken from electrical equipment and specification for its re-use	EN 60480	2004 2)
IEC 62271-1	- 1)	High-voltage switchgear and controlgear - Part 1: Common specifications	EN 62271-1	2008 2)
IEC 62271-100	- 1)	High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers	EN 62271-100	2009 2)

1) Undated reference.

2) Valid edition at time of issue.

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