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Standards

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

# High-voltage switchgear and controlgear -- Part 303: Use and handling of sulphur hexafluoride (SF<sub>6</sub>) (IEC/TR 62271-303:2008 (EQV))

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

*Incorporating amendments/corrigenda issued since publication:*

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TECHNICAL REPORT

**CLC/TR 62271-303**

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

September 2009

ICS 29.130.10

English version

**High-voltage switchgear and controlgear -  
Part 303: Use and handling of sulphur hexafluoride (SF<sub>6</sub>)  
(IEC/TR 62271-303:2008)**

Appareillage à haute tension -  
Partie 303: Utilisation et manipulation  
de l'hexafluorure de soufre (SF<sub>6</sub>)  
(CEI/TR 62271-303:2008)

Hochspannungs-Schaltgeräte  
und -Schaltanlagen -  
Teil 303: Gebrauch von und Umgang  
mit Schwefelhexafluorid (SF<sub>6</sub>)  
(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

**Central Secretariat: Avenue Marnix 17, B - 1000 Brussels**

## **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.

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## 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 <sub>6</sub> ) for use in electrical equipment	EN 60376	2005 2)
IEC 60480	- 1)	Guidelines for the checking and treat- ment of sulphur hexafluoride (SF <sub>6</sub> ) 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)

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1) Undated reference.

2) Valid edition at time of issue.

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