

ISBN 978-0-626-29170-9

SANS 60079-16:1990

Edition 1 and nat. amdt 1

IEC 60079-16:1990

Edition 1

Any reference to SABS IEC 60079-16 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

Electrical apparatus for explosive gas atmospheres

Part 16: Artificial ventilation for the protection of analyzer(s) houses

This national standard is the identical implementation of IEC 60079-16:1990 and is adopted with the permission of the International Electrotechnical Commission.

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Edition 1

Table of changes

Change No.	Date	Scope
Nat. amdt 1	2006	Amended to change the designation from SABS to SANS, with no technical changes.

National foreword

This South African standard was approved by National Committee SABS TC 065, *Explosion prevention*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS edition is technically identical to the first SABS edition (SABS IEC 60079-16:1990).

**Reaffirmed and reprinted in July 2013.
This document will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**

**RAPPORT
TECHNIQUE
TECHNICAL
REPORT**

**CEI
IEC**

79-16

Première édition
First edition
1990-04

**Matériel électrique pour atmosphères explosives
gazeuses**

Seizième partie:

Ventilation artificielle pour la protection des
bâtiments pour analyseur(s)

**Electrical apparatus for explosive gas
atmospheres**

Part 16:

Artificial ventilation for the protection of
analyzer(s) houses

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES

Part 16: Artificial ventilation for the protection
of analyzer(s) houses

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
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PREFACE

This report has been prepared by Sub-Committee 31D: Pressurization and associated techniques, of IEC Technical Committee No. 31: Electrical apparatus for explosive atmospheres.

It forms Part 16 of a series of publications dealing with electrical apparatus for use in explosive gas atmospheres.

The following parts of IEC Publication 79: Electrical apparatus for explosive gas atmospheres, have already been published:

- General requirements (Publication 79-0 (1983)).
- Construction and test of flameproof enclosures of electrical apparatus (Publication 79-1 (1971)).
- Appendix D: Method of test for ascertainment of maximum experimental safe gap (Publication 79-1A (1975)).
- Electrical apparatus - type of protection "p" (Publication 79-2 (1983)).
- Spark test apparatus for intrinsically-safe circuits (Publication 79-3 (1972)).
- Method of test for ignition temperature (Publications 79-4 (1975) and 79-4A (1970)).