

Aircraft oxygen systems and equipment —

Part 5: Guide to fire and explosion hazards associated with oxygen

ICS 49.090

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents



Document Sharing Hub

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee ACE/38, Aircraft oxygen equipment, upon which the following bodies were represented:

- British Airways
- British Compressed Gases Association
- Civil Aviation Authority
- Health and Safety Executive
- Ministry of Defence
- Society of British Aerospace Companies Limited
- South Bank University

This British Standard, having been prepared under the direction of the Engineering Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 October 1999

© BSI 10-1999

The following BSI references relate to the work on this standard:
Committee reference ACE/38
Draft for comment 97/710498 DC

ISBN 0 580 29559 1

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
1 Scope	1
2 Normative references	1
3 General	1
4 Factors affecting an incident	1
5 Illustrative case histories	3
6 Common incident causes	5
7 Summary	6
Bibliography	7

Foreword

This Part of BS 4N 100 has been prepared by Technical Committee ACE/38 and specifies general requirements for oxygen systems and equipment for use on aircraft and ground support equipment. It partially supersedes BS 3N100 which is withdrawn upon publication of all seven parts.

BS 4N 100 consists of the following parts:

- *Part 1: Design and installation;*
- *Part 2: Tests for the compatibility of materials in the presence of oxygen;*
- *Part 3: Testing of equipment and systems;*
- *Part 4: Guide to the physiological factors;*
- *Part 5: Guide to fire and explosion hazards associated with oxygen;*
- *Part 6: Guidance and recommendations on the selection of materials for use with oxygen;*
- *Part 7: Guide to cleaning, labelling and packaging.*

NOTE The latest revision of an aerospace series standard is indicated by a prefix number.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 7, and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.