ISO 19211:2024-08 (E)

Anaesthetic and respiratory equipment - Fire-activated oxygen shut-off devices for use during oxygen therapy

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 General requirements 2

5 Materials 2
5.1 General 2
5.2 Biological assessment of gas pathways 2
5.3 Oxygen compatibility 2
5.4 Environmental conditions 3

6 Design requirements 3
6.1 General 3
6.2 Specific design requirements 3
6.3 Inlet connector 3
6.4 Outlet connector 3
6.5 Resistance to flow 4
6.6 Leakage to atmosphere under maximum static pressure 4
6.7 Leakage to atmosphere during normal use conditions 4
6.8 Activation and prevention of flow of oxygen 5
6.9 Inadvertent disassembly 5

7 Requirements for fire activated oxygen shut-off devices supplied sterile 5

8 Packaging 5
8.1 General 5
8.2 Protection during storage and transport 5

9 Information supplied by the manufacturer 5
9.1 General 5
9.2 Instructions for use 6

Annex A (informative) Rationale 7

Annex B (normative) Test methods 9

Annex C (informative) Arrangements of fire activated oxygen shut-off devices 12

Annex D (informative)Hazardidentificationforthepurposesofriskassessment 13

Bibliography 14