

ISO 7396-2:2007-04 (E)

Medical gas pipeline systems - Part 2: Anaesthetic gas scavenging disposal systems

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 General requirements	6
4.1 Safety	6
4.2 Alternative construction	6
4.3 Materials	6
4.4 Continuity of operation	7
5 Power device	7
6 Indicating systems	8
7 Pipelines, connecting assemblies and disposal hoses	8
8 Disposal system characteristics and test methods for pressure and flow	9
8.1 Requirements	9
8.2 Test methods for pressure and flow	10
8.3 Means to prevent backflow	12
9 Terminal units	12
10 Marking and colour coding	12
10.1 Marking	12
10.2 Colour coding	13
10.3 Test for durability	13
11 Pipeline installation	13
12 Testing, commissioning and certification	15
12.1 General	15
12.2 General requirements for tests	15
12.3 Tests, inspections and checks	15
12.4 Requirements for tests, inspections and checks listed in 12.3	15
12.5 Certification of the system	16
12.6 Extensions or modifications	17
13 Information to be supplied by the manufacturer	17
13.1 General	17
13.2 Instructions for use	17
13.3 Operational management information	18
13.4 "As-installed" drawings	18
13.5 Electrical diagrams	18

Annex A (informative) Guidelines for power devices consisting of fans, blowers or dedicated vacuum pumps	19
Annex B (informative) Example of procedure for testing and commissioning	20
Annex C (informative) Typical forms for certification of AGS disposal systems	23
Annex D (informative) Risk management checklist	36
Annex E (informative) Rationale	44
Bibliography	45