ISO 17420-3:2012-10 (E)

Respiratory protective devices - Performance requirements - Part 3: Thread connection

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms,definitionsandsymbols 1
3.1 Terms and definitions 1
3.2 Symbols 1

4 Requirements 2
4.1 Elements of thread connection 2
4.2 Sealing element 2
4.3 Geometry of thread profile 2
4.4 Physical and mechanical requirements of the thread connection 7

5 Testing 8
5.1 Visual inspection 8
5.2 Circularity of threads 8
5.3 Geometry of male thread connector 9
5.4 Geometry of female thread connector 12
5.5 Beginning of the effective thread of the male connection 16
5.6 Resistance of the connectors to pull forces 16

6 Markingandidentification 17

Bibliography 18