ISO/IEC TS 22237-1:2018-05 (E)

Information technology - Data centre facilities and infrastructures - Part 1: General concepts

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms,definitionsandabbreviatedterms 2
3.1 Terms and definitions 2
3.2 Abbreviated terms 5

4 Conformance 6

5 Business risk analysis 6
5.1 General 6
5.2 Downtime cost analysis 6
5.3 Risk analysis 7

6 Data centre design overview 8
6.1 General 8
6.2 Spaces and facilities 8

7 Classificationsystemfordatacentres 11
7.1 General 11
7.2 Availability 11
7.3 Physical security 13
7.3.1 General 13
7.3.2 Protection against unauthorised access 13
7.3.3 Protection against environmental events 13
7.4 Energy efficiency enablement 14
7.4.1 General 14
7.4.2 Power distribution system 15
7.4.3 Environmental monitoring and control 15

Annex A (informative) General design principles 16

Bibliography 21