

ISO 14644-17:2021-02 (E)

Cleanrooms and associated controlled environments - Part 17: Particle deposition rate applications

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Symbols		3
5 Particle deposition rate methodology		4
5.1 General.....		4
5.2 Establishing the particle deposition rate required for control of particle deposition on vulnerable surfaces.....		4
5.3 Particle deposition rate for demonstrating control of particle contamination.....		5
6 Measurement of particle deposition rate		5
7 Particle deposition rate level		6
8 Documentation		7
Annex A (informative) Measurement of particle deposition rate		8
Annex B (informative) Examples of particle deposition rate measurements		12
Annex C (informative) Measurement of the particle obscuration		16
Annex D (informative) Relationship between particle deposition rate and airborne concentration of particles		19
Annex E (informative) Assessment and control of particle deposition		20
Bibliography		25