

ISO 14644-14:2016-09 (E)

Cleanrooms and associated controlled environments - Part 14: Assessment of suitability for use of equipment by airborne particle concentration

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General outline of the assessment	3
5	Visual inspection	3
6	Assessment of suitability by airborne particle concentration measurements	4
6.1	General	4
6.2	Assessment procedure	4
6.2.1	Overview	4
6.2.2	Requirements and considerations	5
6.2.3	Representative mode of operation	6
6.2.4	Considerations for the test environment	6
6.2.5	Determination of the test environment	6
6.2.6	Approximate identification of HPC location(s)	6
6.2.7	Precise determination of HPC location(s)	7
6.2.8	Suitability measurement(s)	7
6.2.9	Data processing	8
7	Documentation	10
7.1	General	10
7.2	Common documentation requirements	10
7.3	Documentation for visual inspection	11
7.4	Documentation for assessment of test environment	11
7.5	Documentation for classification measurement	12
8	Statement on cleanroom suitability	12
Annex A (informative)	Example for data processing deriving from measurements	14
Annex B (informative)	Additional optional tests	18
Bibliography		21