

## Standards and documents: further information sources

- (1) **EN 779:2002 (2002)** Particulate filters for general ventilation: Determination of the filtration performance
- (2) **ASHRAE 52.1 (1992)** Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter.
- (3) **ANSI/ASHRAE 52.2 (1999)** Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size.
- (4) **ASHRAE 145.1P** Laboratory Test Method for Assessing the Performance of Gas Phase Air Cleaning Systems: Loose Granular Media (Proposed).
- (5) **ASHRAE 145.2P** Laboratory Test Method for Assessing the Performance of Gas Phase Air Cleaning Systems: Air Cleaning Devices (Proposed).
- (6) **ASHRAE 145.3P** Field Test Method for Assessing the Performance of Gas Phase Air Cleaning Systems: Installed Systems (Proposed).
- (7) **ASTM D5228-92 (2000)** Standard Test Method for Determination of the Butane Working Capacity of Activated Carbon.
- (8) **ASTM D5160-95 (2003)** Standard Guide for Gas-Phase Adsorption Testing of Activated Carbon.
- (9) **ASTM D5742-95 (2000)** Standard Test Method for Determining the Butane Activity of Activated Carbon.
- (10) **ASTM D6646-03 (2003)** Standard Test Method for Determination of the Accelerated Hydrogen Sulfide Breakthrough Capacity of Granular and Pelletized Activated Carbon.
- (11) **MIL-STD-282 (1956)** Military Standard Filter Units, Protective Clothing, Gas-Mask Components, and Related Products : Performance/Test Methods.
- (12) **ASME N509 (2003)** Testing of Nuclear Air Cleaning Systems.
- (13) **ASME AG-1-1991** Code on Nuclear Air and Gas Treatment.
- (14) **LA-10748 (1987)** Final Report Evaluation of Methods, Instrumentation and Materials Pertinent to Quality Assurance Filter Penetration Testing.
- (15) **DOE-STD-3026-99** DOE Standard Specification for HEPA Filters Used by DDE Contractors.
- (16) **BS 3928 (1969)** Method for sodium flame test for air filters (other than for air supply to I.C. engines and compressors).
- (17) **NF X 44-011 (1972)** Method for measuring the efficiency of filters by means of a uranine (fluorescein) aerosol [in French].
- (18) **DIN 24184 (1990)** Type testing of high efficiency particulate air filters; using paraffin oil mist as test aerosol [in German].
- (19) **DIN 24184-4** Determination of the efficiency of high efficiency air filters with particle counting methods:- Part 4: Leak testing of the filter element (proposal for a European standard).
- (20) **DIN 24183-1** Determination of the efficiency of high-efficiency air filters with particle counting methods: Fundamental principles (proposal for a European standard).
- (21) **UNI 7833 (1978)** High and Very High Efficiency Particulate Air Filters: Laboratory Tests and Classification [in Italian].
- (22) **EN 1822-1:1998** High Efficiency Air Filters (HEPA and ULPA) - Part 1: classification, performance testing, marking.
- (23) **EN 1822-2:1998** High Efficiency Air Filters (HEPA and ULPA) - Part 2: Aerosol production, measuring equipment, particle counting statistics.
- (24) **EN 1822-3:1998** High Efficiency Air Filters (HEPA and ULPA) - Part 3: Testing flat sheet filter media.
- (25) **EN 1822-4:2000** High Efficiency Air Filters (HEPA and ULPA) - Part 4: Determining leakage of filter element (Scan method).
- (26) **EN 1822-5:2000** High Efficiency Air Filters (HEPA and ULPA) - Part 5: Determining the efficiency of filter element.
- (27) **IEST-RP-CC034.1 (1988)** HEPA and ULPA Filter Leak Test.
- (28) **IEST-RP-CC007.1 (1992)** Testing ULPA Filters.
- (29) **IEST-RP-CC001.3 (1993)** HEPA and ULPA Filters.
- (30) **IEST-RP-CC021.1 (1995)** Testing HEPA and ULPA Filter Media.
- (31) **ISO 14644-1:1999** Cleanrooms and associated environments - Part 1: Classification of air cleanliness.
- (32) **ISO 14644-2:2000** Cleanrooms and associated environments - Part 2: Specifications for testing and monitoring to prove continued compliance with ISO 14644-1.
- (33) **ISO 14644-4:2001** Cleanrooms and associated environments - Part 4: Design, construction and startup.
- (34) **Fédéral Standard 209E** Airborne Particulate Cleanliness Classes in Clean Rooms and Clean Zones.
- (35) **ISO/DIS 14644-3** Cleanrooms and associated environments- Part 3: Test Methods.
- (36) **ETL 1100-3-498 (1999)** Design of Collective Protection Shelters to resist Chemical, Biological and Radiological (CBR) Agents.
- (37) **ASTM D3803-91 (1998)** Standard Test Method for Nuclear Grade Activated Carbon.
- (38) **ISO 8573-5:(2001)** Compressed Air Part 5: Test methods for oil vapor and organic solvent content.
- (39) **ISO 8573-6:(2003)** Compressed Air Part 6: Test methods for gaseous contaminant content.
- (40) **ISO/DIS 14644-8 (2004)** Cleanrooms and associated environments - Part 8: Classification of airborne molecular contamination.
- (41) **ISO 14644-1:1999** Cleanrooms and associated environments - Part 1: classification of air cleanliness.