

TESTING AND VALIDATION

EXCELAIR

Air Filters

Since 1982

EXCELAIR AIR FILTRATION



**THE EXCELAIR AIR
FILTRATION HAS AN
INDIGENOUS TEST RIG
AS PER EN 779,
EN 1822 FIRST IN GCC.**

CMS EXCELAIR AIRFILTRATION

CMS EXCELAIR Air Filtration has more than 20 years of Experience in the Filtration field. Equipped with modern and updated testing instruments for providing the Testing and Validation solutions to the various field.

VALIDATION FOR THE HOSPITALS, PHARMACEUTICAL CLEAN ROOMS

EXCELAIR Air Filtration offers a wide range of Performance Tests for the Air Filtration Products and Aerosol Tests according to various International Testing Standards with calibrated and certified Testing instruments and Testing Devices.

EXCELAIR provides complete testing for all type of Air Filters.

FILTER TESTS STANDARDS

EXCELAIR provides the various Performance Tests for the filters; accordingly International standards such as,

- DIN 71 460 Part 1
- EN 1822-3
- ISO 11155 Part 1
- EN 1822-5
- EN 779:2002
- ASHRAE 52.2



TESTING FACILITIES:

EXCELAIR Air Filtration possess the Following Testing facilities,

- Test Rig as per EN 779 Fully Automated
- Test Rig as per EN 1822 Fully Automated
- Testing facility as per ASHRAE (Having original ASHRAE Generator)
- Palas make Welles Spectrometer - Optical Particle Measurement Devices
- TSI make Handheld Particle Counter
- Palas GmbH Original ASHARE Generators
- DOP, KCL, DHES Aerosol Generators
- TSI make Anemometer
- TSI make Manometer
- Tec Corporation Photometer and Aerosol Generator



TESTING RANGES

EXCELAIR Air Filtration provides the various testing and validating solutions for the Aerosol Filtration and Microbiology.

FILTERS

- From G2/ EU2 to F9/ EU9 / MERV 15
- Hepa Filters : From H10 to H14 grade
- Clean Room validation
- Validation for Hospitals and Pharmaceutical Companies



THE EXCELAIR AIR FILTRATION HAS AN INDIGENOUS TEST RIG AS PER EN 779, EN 1822 FIRST IN GCC

EXCELAIR QUALITY AIR MANAGEMENT SYSTEM

EXCELAIR PROVIDES

- A well-conceived, properly administered maintenance program; is a requirement for an efficient clean facility
- A program of periodic inspection can be established on a quarterly, semi-annual or annual basis
- The aim of the testing program is to monitor facility performance to identify significant changes in efficiency

VALIDATION

- Documentation : Traceability – Filter SI no- grill no- AHU no-Area
- Confirmation to Customer requirements
- Individual reports per room/filters

QAMS

- Total Solutions & maintenance
- Guarantee to the quality of air
- Monitoring of filtration systems
- Documentation
- Value addition on filter performance
- Utilization for optimal performance

TYPES OF TESTS CARRIED

- Filter Integrity Test
- Filter Efficiency Test
- Dust Holding Capacity test
- Arrestance Test
- Filter Media Test
- Optical Particle Count to determine the Clean room Cleanliness
- Recovery test
- Flow Measurement
- Velocity Measurement
- Pressure Measurement & Pressure Balancing
- Temperature and Humidity Measurement
- Light Intensity, Sound Level, UV light intensity & Vibration





Products from



Tel: +971 4 3474858, Fax : +971 4 3474656
P.O Box: 60270, Dubai, United Arab Emirates
E mail: info@msglobal.com

msglobal.com