

Filtration Testing Services

Testing of air and oil filter :

- Ventilation filter (ISO 16890; EN 779; ASHRAE 52.2)
- HEPA/ULPA Filter (EN 1822-4; EN 1822-5)
- Cabin air filter (ISO 11155-1; ISO 11155-2)
- Engine intake filter (SAE J726 ; ISO 5011)
- Flat sheet filter media (EN 1822-3; TSI 8130)
- Multi-pass for oil filter (ISO 16889; ISO 19438; ISO 4548-12)



Testing items of the major performances:

- Pressure drop versus air flow rate for clean filter
- Initial pressure drop and initial efficiency
- Dust loading capacity ; Breach testing
- Efficiency after different dust loading phases and average efficiency
- Efficiency and filter scanning for HEPA/ULPA filter
- Most penetrating particle size (MPPS) for filtration media
- Bacterial filtration efficiency for facemask and filtration media
- Pore size (air-liquid; liquid-liquid)
- Breach test



Breach test

Setup of testing equipment

- EN1822-4 automated filter scanning test system
- Test rig per ASHRAE 52.2 and EN 779
- Engine filter testing rig per ISO 11155-1
- Filtration media and face mask test rig



Filter scanning test



HVAC filter test



Oil filter test



Cabin filter test



Filtration media test

media test

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