

## Test Master<sup>e</sup>

World Class NABL Accredited Filter Test Lab

Air, Oil & Hydraulic, and Fuel Filter

Third Party NABL (ISO 17025: 2017 Accredited Lab)

Air Filter

Oil & Hydraulic Filter

**Fuel Filter** 







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## Air Filter Test With NABL (ISO 17025: 2017)-Scope of Accreditation

- \* ISO 5011: Inlet air cleaning equipment for internal combustion engines and compressors Performance testing.
- \* ISO 11155 Part1 :-Road vehicles Air filters for passenger compartments Part 1: Test for particulate filtration. Road vehicles Air filters for passenger compartments.
- \* ISO/TS 19713 Part1 & Part-2: Road vehicles Inlet air cleaning equipment for internal combustion engines and compressors Part 1: Fractional efficiency testing with fine particles (0,3 µm to 5 µm optical diameter)- Part 2: Fractional efficiency testing with coarse particles (5 μm to 40 μm optical diameter).

#### Air Filter Test Without NABL ( ISO 17025: 2017 )-Scope of Accreditation

- \* ISO 11155 Part 2:- Road vehicles Air Filters For Passenger Compartments Part 2: Test For Gascous Filtration
- \* DIN 71460 :- Road vehicles Air Filters For Passenger Compartments
- \* ISO 12500 :- Filter For Compressed Air-Test Methods
- \* KS-294:2012 : Standard For Air Filter Test
- \* JIS D-1612:-Test Method Of Air Cleaners For Automobiles
- \* UAE GSO ISO 11841 :- Standard For Air Filter Tests















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## Oil Filter Test With NABL ( ISO 17025 : 2017 )-Scope of Accreditation

- \* ISO 4548 1:- Differential pressure/ flow characteristics
- \* ISO 4548-2:-Element by-pass valve characteristics.
- \* ISO 4548-3:-Resistance to high differential pressure and to elevated temperature.
- \* ISO 4548-4: Initial particle retention efficiency, life and cumulative efficiency (gravimetric method).
- \* ISO 4548-5: Test for cold start simulation and hydraulic pulses durability.
- \* ISO 4548-6 :- Static burst pressure test.
- \* ISO 4548-9: Inlet And Outlet Filter Anti Drain Valve Tests.
- \* ISO 4548-12 :-Oil Filters for Internal Combustion Engines Filtration Efficiency using Particle Counting and Contaminant retention Capacity Multi pass Test
- \* ISO 4548-13:-Static burst pressure test for composite filter housings.ulti Pass Test.I
- \* ISO 4548-14:-Cooled Start Simulator And Hydraulic Pulse Durability For Composite Filter Housings.
- \* ISO 2942:-Hydraulic fluid power Filter elements Verification of fabrication integrity and determination of the first bubble point.

#### Oil Filter Test Without NABL ( ISO 17025: 2017 )-Scope of Accreditation

- \* ISO 16889 :- Multi pass method for evaluating filtration performance of a new element
- \* KS-293: 2010: StaStandard for Oil Test
- \* JIS D-1611: Automotive Parts-lubricating Oil Filters for internal Combustion Engines
- \* SAE-HS 806: Standard for Engine Lube Oil Filters Tests
- \* UAE GSO 1605 :- Oil & Hydraulic Filter Element or Spin-On Type Test









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## Fuel Filter Test With NABL (ISO 17025: 2017)-Scope of Accreditation

- \* ISO-4020(6.1): Test For Cleanliness Of New Filter.
- \* ISO-4020(6.2): Fabrication Integrity test (Fabrication Integrity And Determination Of The First Bubble).
- \* ISO-4020(6.3):- Test For Differential Pressure Of New Filters I) Inlet Pressure II) Outlet Pressure.
- \* ISO-4020(6.4): Test For Instantaneous Filtration Efficiency And Filter Life.
- \* ISO-4020(6.5): Test For Water Separation Efficiency.
- \* ISO-4020(6.6):-Collapse/ Burst Test Of The Filter Element.
- \* ISO-4020(6.7):-Burst Test Of Complete Filters.
- \* ISO-4020(6.8):- Pulsating Pressure Fatigue Test.
- \* ISO-4020(6.9): Vibration Resistance Fatigue Test.
- \* ISO 19438 :-Fuel Filter : Diesel fuel and Petrol filters for filtration efficiency using particle counting and retention capacity test.

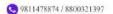
### Fuel Filter Test Without NABL (ISO 17025: 2017)-Scope of Accreditation

- \* ISO-4020(6.9):- Road Vehicles-Fuel Filters For Diesel Engines
- \* KS-334:2012 :- Standard for Fuel Filter Tests
- \* JIS D-1617: Automobile Parts-Fuel Filters For Diesel Engines Test Methods
- \* SAE J 905 :- Fuel Filter Test Method
- \* IS 3351 :- Road Vehicles-Fuel Filters For Diesel Engines









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