



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS IBR LABORATORIES
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MECHANICAL

Valid To: January 31, 2021

Certificate Number: 1362.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of mechanical tests on Filters and Components:

Test Technology:

Test Method(s):

Process Filter Efficiency and Capacity

ASTM F795-88 (*Withdrawn 2002*)¹

Initial Air Filter Fractional Efficiency

ASHRAE 52.2;
ISO 11155-1, 12500-1, -3;
IEC 60335-2-69 (Annex AA);
EN 779;
NFPA 1971

Face Mask Efficiency and Breathability

ASTM F2100, F2299; NIOSH TEB-APRSTP-0059;
EN14683 Annex C

Air Coalescing Filter Saturated Efficiency

ISO 12500-1

HVAC Filter Efficiency and Capacity

ASHRAE 52.2;
EN 779

HEPA and ULPA Filter Efficiency

IEST RP CC001, CC007, CC021;
EN 1822-1, -2, -3, and -5;
ISO 29463-1, -3, and -5

Fuel/Water Separator Efficiency Capacity

ISO 4020, 16332;
SAE J1488

Oil Filter Efficiency, Capacity, Permeability, Media
Migration, Collapse, Impulse, Burst and Relief
Valve

SAE HS-806;
ISO 4548, 16889;
JIS 1611

Fuel Filter Efficiency, Capacity, Permeability, Media
Migration

SAE J905, J1985;
ISO 4020, 19438

Particulate Filtration

NSF 42, 53, 58

(A2LA Cert. No. 1362.01) Revised 10/26/2020

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Test Technology:**Test Method(s):**

Vacuum Cleaner Fractional Efficiency	ASTM F1977, F2608; IEC 62885-2; EN 60312-1
Vacuum Cleaner Performance – Air Power Pickup and Sustained Performance	IEC 62885-2 (EN 60312-1), 60335-2-69 (Annex AA); ASTM F558, F608, F2607
Cleanliness of Fluids from Components and Systems	ISO 16232
Fluid Contamination by Gravimetry	ISO 4405, 16232
Fluid Contamination by Microscope	ISO 4407, 16232; ASP 598; ASTM F312
Engine Intake Air Cleaner Testing	ISO 5011
Room Air Cleaner Efficiency	AHAM AC-1
Visual Inspection	IEC 60335-2-69 (Annex AA, 22AA.205 to 22AA.210)
Filter Integrity by Bubble Point	ISO 2942; ASTM F316

Within the following operational ranges:

Parameter**Range**

Flow – Water	Up to 100 gpm
Flow – Oil and Fuel	Up to 150 gpm
Flow – Air	Up to 2,900 scfm
Temperature – Water	(10 to 90) °C
Temperature – Oil and Fuel	(Ambient up to 160) °C
Temperature – Air	(Ambient up to 100) °C
Pressure – Water	To 100 psig
Pressure – Oil and Fuel	To 3,000 psig
Pressure – Air	(5 (vacuum) to 100) psig
Particle size – Water	(0.1 up to 1000) micron
Particle size – Oil and Fuel	(1 up to 1000) micron
Particle size – Air	(0.01 up to 100) micron

¹ This laboratory's scope contains withdrawn methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

SGS IBR LABORATORIES INC.

Grass Lake, MI

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).



Presented this 13th day of November 2018.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1362.01
Valid to January 31, 2021
Revised October 26, 2020

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.