



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS IBR LABORATORIES
11599 Morrissey Road
Grass Lake, MI 49240
Mark Farone Phone: 517 522 8453
Mark.Farone@sgs.com

MECHANICAL

Valid To: October 31, 2020

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ASTM F795-88 (*Withdrawn 2002*)¹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 09/02/2020

Page 1 of 2

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 October 31, 2020
Revised September 2, 2020

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