



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS NORTH AMERICA, INC.
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MECHANICAL

Valid To: August 31, 2026

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:

Initial Air Filter Fractional Efficiency

Test Method(s):

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

Face Mask Efficiency and Breathability

ASTM F2100, ASTM F2299, ASTM F2101,
ASTM F3502, ASTM F1980-16;
EN 14683 Annex C,
EN 14683 Annex B;
NIOSH TEB-APR-STP-0003,
NIOSH TEB-APR-STP-0007,
NIOSH TEB-APR-STP-0059;
GB2626 clauses 6.3, 6.5, 6.6

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, CC0021;
EN 1822-1, EN 1822-2, -3, and -5 (*Withdrawn 2009*);
ISO 29463-1, -3, and -5

Fuel/Water Separator Efficiency Capacity

ISO 4020, ISO 16332;
SAE J1488

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

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

Test Technology:

Fuel Filter Efficiency, Capacity, Permeability, Media Migration

Water Particulate Filtration and Capacity

Vacuum Cleaner Fractional Efficiency

Vacuum Cleaner Performance – Air Power Pickup and Sustained Performance

Cleanliness of Fluids from Components and Systems

Fluid Contamination by Gravimetry

Fluid Contamination by Microscope

Engine Intake Air Cleaner Testing

Room Air Cleaner Efficiency and Performance

Visual Inspection

Filter Integrity by Bubble Point

Within the following operational ranges:

Parameter

Flow – Water

Flow – Oil and Fuel

Flow – Air

Temperature – Water

Temperature – Oil and Fuel

Temperature – Air

Pressure – Water

Pressure – Oil and Fuel

Pressure – Air

Particle size – Water

Particle size – Oil and Fuel

Particle size – Air

Test Method(s):

SAE J905, SAE J1985;
ISO 4020, ISO 19438

NSF 42, 53, 58, 419;
ASTM F795-88 (*Withdrawn 2002*)

ASTM F1977, ASTM F2608;
IEC 62885-2; EN 60312-1

IEC 62885-2 (EN 60312-1), 60335-2-69 (Annex AA);
ASTM F558, ASTM F608, ASTM F2607

ISO 16232

ISO 4405, ISO 16232

ISO 4407, ISO 16232;
ASP 598;
ASTM F312

ISO 5011

AHAM AC-1, AHAM AC-7;
IEC 62301

IEC 60335-2-69 (Annex AA, 22AA.205 to 22AA.210)

ISO 2942;
ASTM F316

Range

Up to 250 gpm

Up to 150 gpm

Up to 2,900 scfm

(18 to 90) °C

(-40 to 160) °C

(Ambient up to 100) °C

To 100 psig

To 3,000 psig

(5 (vacuum) to 100) psig

(0.15 up to 1000) micron

(3 up to 1000) micron

(0.01 up to 100) micron



Accredited Laboratory

A2LA has accredited

SGS NORTH AMERICA 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 22nd day of July 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1362.01
Valid to August 31, 2026

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