



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BLUE HEAVEN TECHNOLOGIES LLC  
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MECHANICAL

Valid To: July 31, 2025

Certificate Number: 6298.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed to perform the following types of tests on filters and components with the following operational ranges:

- Particle Sizes from 7 nanometers up to 200 micrometers
- Pressure differential readings up to 50" w.g. (12,500 Pa)
- Air flow rates up to 50,000 ft<sup>3</sup>/min (85,000 m<sup>3</sup>/hr.)
- RH exposure up to 99% non-condensing.

**Tests:**

General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size

Air Filter for General Ventilation-Full

High Resistance Breach Testing

Flammability Test

Baggy Filter Test

Filtration Efficiency of Paint Arrestor Systems

Industrial Intake Filter Testing

Saudi ARAMCO System Testing

200 Hour Dust Rejection Testing

ASHRAE 199 System Testing

Performance of Room Air Cleaners

**Test Method(s):**

ANSI/ASHRAE 52.2

ISO 16890-1, ISO 16890-2,  
ISO 16890-3, ISO 16890-4

BHT WI 5.4-340 (Dry Breach),  
BHT WI 5.4-341 (Standard Wet Breach),  
BHT WI 5.4-342 (72 Hour Wet Breach)

RP 559

AAR R807

NESHAP 319

ISO 5011 section 7.0

32-SAMSS-008 Appendix II

GE Document 221A3087 section 3.2.4.1, GE  
Document 221A3087 section 4.5

ANSI/ASHRAE 199

ANSI/AHAM AC-1

**Tests:**

**Test Method(s):**

High Efficiency Air Filter Testing	EN 1822-1; ISO 29463-3 & -5 [European], ISO 29463-01
Testing ULPA Filters	IEST-RP-CC007.3
Flat Sheet Initial Efficiency	ANSI/ASHRAE 52.2, ANSI/ASHRAE 52.2 Appendix J; ISO 16890-2, ISO 16890-4
1822 Flat Sheet Efficiency	EN 1822-1; ISO 29463-3 [European], ISO 29463-01, ISO 29463-3
Flat Sheet Dust Holding [FSD]	BHT WI 5.4-310
Mullen Burst Testing	ASTM D3786
Frazier Permeability Testing	ASTM D737
Resistance Traverse	ASHRAE 52.2
Automotive Engine Intake Filter Testing	ISO 5011 section 6.4.2
Cabin Air Filter Testing	ISO 11155-1
Respirator N95 Efficiency Screening Test – Flat Sheet or Mask	NIOSH N95; Modified TEB-APR- STP 0059
Respirator N95 – Full Test for Efficiency	NIOSH N95 – TEB-APR-STP – 0059
Respirator N95 – Test for Resistance	NIOSH N95 – TEB-APR-STP – 0003 & 0007
FDA Medical Mask Testing Efficiency	ASTM F2299
FDA Medical Mask Testing Resistance	EN 14683 Annex C
Requirements for Barrier Face Coverings	ASTM F3502
Initial, Fractional, Filtration Efficiency of a Vacuum Cleaner System	ASTM F1977
HEPA Filtration System Performance of Residential and Commercial Vacuum Cleaners	ASTM F3150
Electrostatic Air Cleaners - Ozone Chamber Emissions Testing	CSA 22.2 187 Clause 7.4
Electrostatic Air Cleaners – Ozone Testing	UL 867
Electrostatic and UVC Air Cleaners Duct Mounted Emissions Test	CSA 22.2 187 Clause 7.5, 7.6



# Accredited Laboratory

A2LA has accredited

## BLUE HEAVEN TECHNOLOGIES LLC

Louisville, KY

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 25<sup>th</sup> day of September 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6298.01  
Valid to July 31, 2025

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