



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Retrotec**  
**1060 East Pole Road**  
**Everson, WA 98247**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field of

**CALIBRATION**

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations to which this accreditation applies.

AC-1943  
Certificate Number

  
ANAB Approval

Certificate Valid: 06/30/2017-05/01/2019  
Version No. 003 Issued: 06/30/2017



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Retrotec**  
 1060 East Pole Road  
 Everson, WA, 98247  
 Ben Walker  
 360-738-9835

**CALIBRATION**

Valid to: **May 1, 2019**

Certificate Number: **AC-1943**

**Mass**

<b>Parameter / Equipment</b>	<b>Range</b>	<b>Expanded Uncertainty of Measurement (+/-)</b>	<b>Reference Standard, Method and/or Equipment</b>
Differential Pressure Gauges	(0 to 20 000) Pa	0.01 Pa + 0.3 % reading	Furness Controls Pressure Calibrator
Flow- Low Power Test Fans	(0.01 to 3 300) CFM	0.1 CFM + 0.94 % of flow	Laminar Flow Elements
Flow- High Power Test Fans	(10 to 8 000) CFM	0.1 CFM + 1.58 % of flow	Flow Nozzles

## Satellite Location

**Retrotec**  
 Hardermaat 12  
 Barchem, Netherlands 7244 PZ

**Mass**

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Differential Pressure Gauges	(0 to 20 000) Pa	0.01 Pa + 0.3 % reading	Furness Controls Pressure Calibrator

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1943.



Vice President

