



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Koch Environmental
7 Upton Street
Hilton, NY 14468

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-2581
Certificate Number


ANAB Approval

Certificate Valid: 05/07/2018-05/07/2020
Version No. 001 Issued: 05/07/2018



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 April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Koch Environmental
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Jeff Koch 585-484-1230
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CALIBRATION

Valid to: **May 7, 2020**

Certificate Number: **AC-2581**

Electrical – DC/Low Frequency¹

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
DC Voltage - Source	(0 to 10) V	51 μ V + 322 μ V/V	Fluke 724 monitored with HP 34970A Data Acquisition / Switch Unit
Electrical Simulation – RTD	PT 100 – 385 (18.52 to 375.70) Ω (-200 to 800) $^{\circ}$ C PT 100 – 3 916 / 3 926 (59.57 to 269.35) Ω (-100 to 457) $^{\circ}$ C	4.3 m Ω + 0.15 m Ω / Ω	Fluke 724
Electrical Simulation - TC	Type J (-200 to 0) $^{\circ}$ C (0 to 1200) $^{\circ}$ C Type K (-200 to 0) $^{\circ}$ C (0 to 1370) $^{\circ}$ C Type T (-200 to 0) $^{\circ}$ C (0 to 400) $^{\circ}$ C	1.1 $^{\circ}$ C 1.3 $^{\circ}$ C 1.2 $^{\circ}$ C	Fluke 724

Thermodynamic

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Temperature - Measure	(-80.0 to 1 370) °C	1.3 °C	RTD / TC monitored with HP 34970A Data Acquisition / Switch Unit
Humidity - Measure	(0 to 100) %RH @ 23 °C (+/- 5 °C)	1.4 %RH + 0.009 1 %RH / %RH	Vaisala Hygrometer

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-2581.



Vice President

