



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

King Nutronics Corporation

6421 Independence Ave.

Woodland Hills, CA 91367

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

ISO/IEC 17025:2005

and national standard

ANSI/NCSL Z540-1-1994 (R2002)

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-2031

Certificate Number


ANAB Approval

Certificate Valid: 02/08/2018-02/19/2020
Version No. 003 Issued: 02/08/2018



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 AND
ANSI/NCSL Z540-1-1994 (R2002)**

King Nutronics Corporation

6421 Independence Ave.
Woodland Hills, CA 91367
Mohammad Houman
818-887-5460 ext. 23

CALIBRATION

Valid to: **February 19, 2020**

Certificate Number: **AC-2031**

Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Low Pressure / Vacuum	(0.5 to 110) inHg	0.004 % of reading	Schwien 1025FX110-2 Manometer
Pressure	(2 to 700) psig	0.016 % of reading	Ruska 2465 Dead Weight Tester and Troemner Weight Set
Pressure	(6 to 2 400) psig	0.017 % of reading	Ruska 2400 Dead Weight Tester and Troemner Weight Set
	(30 to 12 000) psig	0.013 % of reading	
Pressure	(0.001 to 4) psig	0.002 psi	King Nutronics Pressure Calibrator Model 3689-A
	(4 to 2 000) psig	0.015 % of reading	
	(2 000 to 10 000) psig	0.01 % of reading	
	Vacuum: (0 to 30) inHg	0.053 % of reading	
Absolute: (0.5 to 35) inHg		0.034 % of reading	
	Absolute: (35 to 200) inHg	0.022 % of reading	
Torque	(0.005 to 50) lbf-ft	0.022 % of reading	King Nutronics Quartz Gage Model 3695 KNC Calibration Stand Model 3703



Mass and Mass Related

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Torque	(50 to 500) lbf · ft	0.0012 % of reading	Morehouse Series 1 000 Proving Rings KNC Calibration Stand Model 3703
Torque	(500 to 5 000) lbf · ft (2 000 to 20 000) lbf · ft	0.01 % of reading 0.014 % of reading	Morehouse Series 5 000 Proving Rings KNC Calibration Stand Model 3703

Thermodynamic

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Temperature	(-190 to 661) °C	0.02 °C	Rosemount 162CE SPRT Agilent 34401A Multimeter King Nutronics 3724 Thermo Unit 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. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2031.



Vice President