



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board
11617 Coldwater Road, Fort Wayne, IN 46845 USA

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 17025:2017

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 activities to which this accreditation applies

AC-2031
Certificate Number


ANAB Approval

Certificate Valid Through: 02/19/2022
Version No. 005 Issued: 01/02/2020



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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 17025:2017 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, 2022**

Certificate Number: **AC-2031**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Absolute Pressure	(0.5 to 110) inHg	0.004 % of reading	Schwieb 1025FX110-2 Manometer
Barometric Pressure	(0.5 to 35) inHg	0.012 % of reading	Schwieb 1025FX110-2 Manometer
Vacuum Pressure	(0.5 to 30) inHg	0.013 % of reading	Schwieb 1025FX110-2 Manometer
Pressure	(0.5 to 100) psig	0.022 % of reading	Ruska 2465 Dead Weight Tester and Troemner Weight Set
Pressure	(100 to 2 000) psig	0.008 % of reading	Ruska 2400 Dead Weight Tester and Troemner Weight Set
Pressure	(2 000 to 10 000) psig	0.005 % of reading	Ruska 2400 Dead Weight Tester and Troemner Weight Set
Torque	(0.005 to 50) lbf-ft	0.02 % of reading	King Nutronics Quartz Gage Model 3695 KNC Calibration Stand Model 3703
Torque	(50 to 500) lbf-ft	0.013 2 % of reading	Morehouse Series 1 000 Proving Rings KNC Calibration Stand Model 3703



Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Torque	(500 to 5 000) lbf·ft (2 000 to 20 000) lbf·ft	0.011 % 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	0.05 °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