



NATIONAL TYPE EVALUATION PROGRAM

# Certificate of Conformance

for Weighing and Measuring Devices

**For:**

Non-Computing Scale  
Digital Electronic  
Model: EK-15KLN, EK-30KLN  
Capacity: 33 lb / 15 kg, 60 lb / 30 kg  
 $n_{max}$ : 6600 / 7500  
 $e_{min}$ : 0.005 lb/0.002 kg, 0.01 lb / 0.005 kg  
Accuracy Class: III

A&D Engineering, Inc.  
4622 Runway Boulevard  
Ann Arbor, MI 48108  
Tel: (408) 564-2322  
Contact: Jesus Zapien  
Email: [jzapien@andweighing.com](mailto:jzapien@andweighing.com)

**Standard Features and Options**

- Tare (Push Button)
- Semi-Automatic Zero (Push Button)
- Automatic Zero Tracking (ATZ)
- Initial Zero Setting Mechanism (IZSM)
- External Printer
- AC / DC External Power Supply
- DC Battery Power
- Gross/Net Display
- Liquid Crystal Display
- Kilogram (kg), Pound (lb), Ounce (oz), Gram (g)
- Power Saving (Auto Shut Off)
- RS-232 / USB Communications
- Underhook Weighing

**Load Cells Used:**

A&D 1LC194-15k (NON-NTEP)  
A&D 1LC194-30k (NON-NTEP)

**Platter Size: 11.8 inches x 8.2 inches**

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of *Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices*. Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages. \*Editorial changes, not affecting the type or metrological content, corrected this certificate.

Kevin Schnepf  
Chair, NCWM, Inc.

Marc Paquette  
Chair, NTEP Committee  
Issued: July 27, 2025

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A&D Engineering, Inc.  
Non-Computing Scale / EK-15KLN, EK-30KLN

**Application:** For use in general purpose weighing applications.

**Identification:** The required markings are located on a self-adhesive label affixed to the side housing of the scale and is a tamper proof label that reads void when peeled.

**Sealing:** Device is sealed by a Category 1 lead and wire seal. The seal is located under the front of the device and is threaded through two bolts with holes drilled through holding a cover preventing access to the button that must be pressed to access calibration and configuration menu.

**Test Conditions:** The emphasis of the evaluation was on the device design, operation, performance, markings, and compliance with influence factors. Models EK-15KLN and EK-30KLN were submitted for evaluation. The device was subjected to multiple increasing/decreasing tests, eccentricity, and discrimination testing. Devices were also subjected to testing over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of ½ of capacity was applied to the device over 100 000 times and a repeat of increasing/decreasing, discrimination, and eccentricity tests were performed. The device was tested within a voltage range from 85 VAC to 264 VAC and 5.7 VDC to 6.6 VDC.

**Evaluated By:** J. Coffey (OH) 25-064 (CN-11296)

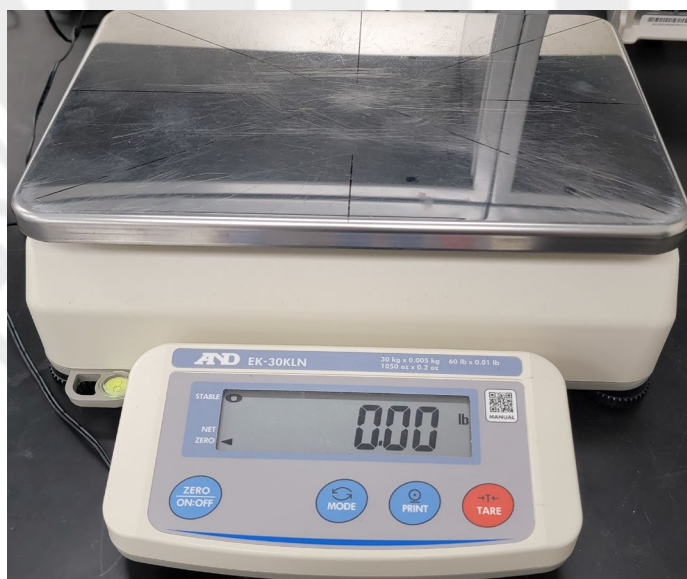
**Type Evaluation Criteria Used:** *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices, 2025 Edition. NCWM Publication 14 Weighing Devices, 2025 Edition.*

**Conclusion:** The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

**Information Reviewed By:** J. Gibson (NCWM) 25-064

**Example of Device:**

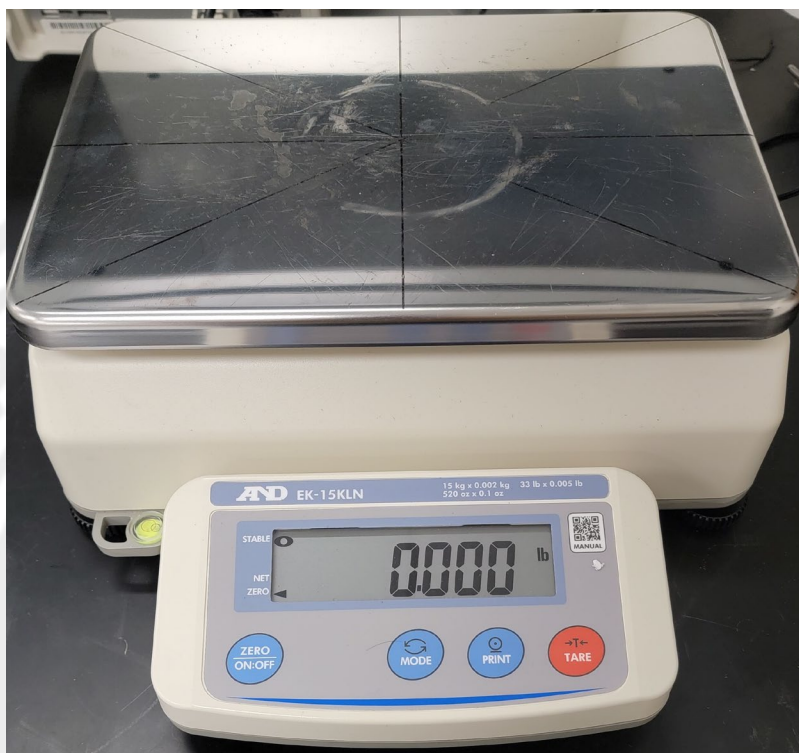
**EK-30KL**





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Non-Computing Scale / EK-15KLN, EK-30KLN

**EK-15KLN**



**Sealing**

