

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 3445-90

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California Type Evaluation Program
Certificate of Approval
for Measuring and Weighing Devices

For:

Floor Scale Weighing Element
Load Cell Electronic
Model Series: XX KL YY*
 e_{\min} : 1 lb.**
 n_{\max} : ***
Capacity: 2,000 to 20,000 lbs.
Platform: See Page 2

Submitted by:

Airway Scale & Mfg. Co., Inc.
1284 E. Lincoln Street
Banning, CA 92220
Tele: (800) 824-9189
(800) 924-7929 (CA)
Contact: Ray Muccillo

Standard Features and Options

*The models covered on this certificate XX KL YY are listed on Page 2, where XX is a one or two digit number that represents the capacity in thousand pounds and YY represents the dimensions in feet.

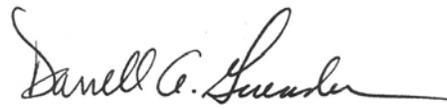
**The e_{\min} of the weighing element shall not be smaller than 1 lb. or the v_{\min} of the load cells divided by 2, whichever is greater.

***The n_{\max} of the weighing element will be limited to the n_{\max} of the compatible certified Class III load cells for multiple load cell scales, or of the indicator, whichever is less.

Load Cell Type: Single ended shear beam.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: September 12, 1990



Darrell A. Guensler
Director, Division of Measurement Standards

Airway Scale & Mfg. Co., Inc.
Floor Scale Weighing Element
Model: XX KL YY

Application: General purpose Class III floor scale.

Identification: The identification plate is located on the side of the scale base.

<u>Model Number</u>	<u>Capacity (lbs.)</u>	<u>Platform Size (ft.)</u>
2KL 44	2,000	4 x 4
2KL 45	2,000	4 x 5
2KL 54	2,000	5 x 4
2KL 57	2,000	5 x 7
2KL 64	2,000	6 x 4
6KL 44	6,000	4 x 4
6KL 45	6,000	4 x 5
6KL 54	6,000	5 x 4
6KL 57	6,000	5 x 7
6KL 46	6,000	4 x 6
6KL 64	6,000	6 x 4
10KL 44	10,000	4 x 4
10KL 45	10,000	4 x 5
10KL 54	10,000	5 x 4
10KL 57	10,000	5 x 7
10KL 46	10,000	4 x 6
10KL 64	10,000	6 x 4
20KL 44	20,000	4 x 4
20KL 45	20,000	4 x 5
20KL 54	20,000	5 x 4
20KL 57	20,000	5 x 7
20KL 46	20,000	4 x 6
20KL 64	20,000	6 x 4

Sealing: The load cell junction box can be sealed by passing a lead and wire security seal through drill head screws.

Test Conditions: These scales were originally tested and certified under 1982 requirements. Certificate of Approval Number 2246-82 was issued to Western Scale Company (renamed Airway Scale in 1984). Airway Scales are now using compatible certified approved load cells to comply with influence factor requirements.

The Model 20KL 64 was originally submitted for test with a one pound minimum increment. The scale was tested with 20,000 lbs. of test weights. One set of corner and shift tests were conducted. Two increasing/decreasing load tests were conducted. Similar corner, shift and increasing/decreasing load tests were conducted approximately 45 days later.

The results of the earlier tests and information supplied by Airway indicate these devices comply with applicable requirements.

Type Evaluation Criteria Used: 1990 Edition, California Code of Regulations, Title 4

Tested By: S. Cook