



Bench (spring) dial scale exceptions

Oregon weights and measures regulations require all commercially used weighing equipment to have an active National Type Evaluation Program (NTEP) Certificate of Conformance (CC) unless the equipment meets an exception in Oregon Administrative Rule (OAR) 603-027-0640(2)(d). This exception allows mechanical non-NTEP approved scales to be used for commercial purposes provided that they are suitable for the intended application and they meet the following:

- non-price computing
- non-electronic mechanical
- 50 kg (110 lb) capacity or less
- must meet other Scale Code requirements in NIST Handbook 44
- have a minimum of 240 scale divisions
- are intended for Class III applications excluding precious metals and semi-precious gem weighing
- if 50 pound capacity or less and are used for retail food sales, then the maximum scale division size is 1 ounce or smaller (NIST Handbook 44 Scale Code).

Examples of scales that meet the exceptions

The following are examples of bench (spring) dial types of scales that meet these exceptions and may be used for retail food sales such as produce, seafood, etc:

32 oz x 1/8 oz	= 256 d	10 lb x 1/2 oz	= 320 d	20 lb x 1 oz	= 320 d
25 lb x 1 oz	= 400 d	60 lb x 4 oz	= 240 d	70 lb x 4 oz	= 280 d
100 lb x 4 oz	= 400 d				

Examples of scales that meet the exceptions, but not for food items

The following are examples of bench (spring) dial types of scales that meet these exceptions, however, since they are 50 lb capacity or less and the division size is larger than 1 ounce, they must not be used for retail food sales:

25 lb x 0.1 lb	= 250 d (note: 0.1 lb = 1.6 ounces)
40 lb x 2 oz	= 320 d
50 lb x 2 oz	= 400 d

Examples of scales that do not meet the exceptions

The following are examples of bench (spring) dial types of scales that DO NOT meet any of the exceptions for commercial use:

110 lb x 1/2 lb	= 220 d (does not have enough divisions)
200 lb x 1/2 lb	= 400 d (greater than 110 lb capacity)
400 lb x 1/2 lb	= 800 d (greater than 110 lb capacity)

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