
Weighing & Material Handling Solutions

Weight Pre-Certification Checklist

The following are requirements set forth by the NIST Handbook 105-1 outlining the Specifications and Tolerances for Reference Standards and Field Standard Weights and Measures. Please review and contact us with any questions or concerns.

All weights to be certified shall be in “Certifiable” condition which means clean and or painted. Weights received for certification that do not meet the “Certifiable” condition shall be prepared by Rogan Incorporated personnel and charged for accordingly.

2. Finish

Paragraph 2.3. A weight larger than 5 kg/10 lb constructed of materials susceptible to corrosion or tarnishing shall have a protective surface coating. A light coat of sprayed-on flat aluminum paint is recommended. Lacquer is also acceptable. Epoxy paint or plated surfaces are not acceptable. A coating is recommended for the bottom of a weight, particularly if the bottom is recessed. If paint or lacquer is used, it shall be hard and resistant to chipping. Cast metric and avoirdupois field standards shall be color coded (i.e. gold for metric and silver for avoirdupois) to differentiate the weights.

In addition all weights to be certified must be uniquely identified (i.e. serial number). Weights received for certification which do not have a unique identifier marked on them shall be prepared by Rogan Incorporated personnel and charged for accordingly.

8. Markings

Paragraph 8.3. Markings cast in a cast weight shall be located on the side of the weight and shall lie even with or below the surface of the weight. A serial number may be stamped on a weight of 10 kg/20 lb and above.

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