

PAINTING WEIGHTS

Large weights should be painted both for their protection and to preserve their mass integrity. Unprotected weights are subject to corrosion. Furthermore, when corrosion is present, the extent and any changes resulting from it may be difficult to estimate.

Thin even coats of aluminum paint are recommended for this purpose. Spray applications are best if large weights or a number of small weights are to be painted. In preparation for painting, a weight should be cleaned and loose scale should be removed. The painting should be done before the weights are calibrated or tolerance tested.

Painting should be done in an area reserved for this purpose, or at least in a place which is removed from laboratory measurement operations. The weights should be protected from dust or dirt pick-up while the coating is drying.