

### Class Concept

This is technical work in the certification of official and commercial measurement standards. Employee performs tests that determine mass, volume, and linear measurements by utilizing precision electronic balances, containers of known volume, and standards of known length traceable to national standards. Position alters test weights to bring them into conformance with allowable tolerances and makes minor adjustments to meters or scales as necessary to bring them into conformance. Employee may conduct performance tests on meters and scales to determine accuracy.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Working knowledge of mathematics and the principles of statistics.
- Working knowledge of the laws and regulations related to standards of measurement; knowledge of metric and avoirdupois measuring systems; and working knowledge of the mathematical principles involved in computing weights, volumes and linear measurements.
- Ability to follow detailed guidelines.
- Ability to communicate effectively with staff, industry personnel, and the public.
- Ability to complete written reports.

#### Minimum Education and Experience

Bachelor's degree in math, physics or other related science from an appropriately accredited institution; or an equivalent combination of education and experience.

#### Special Necessary Qualification

Ability to complete the basic metrology training course offered by the National Institute of Standards and Technology.