

Class Concept

This is supervisory, administrative and professional work in directing the Standards Division's Metrology Laboratory by developing, implementing and enforcing a program responsible for the provision and maintenance of uniform measurement standards for all measuring activities that are either mandated by law or required for product quality assurance. Position plans, directs, supervises, reviews and evaluates the work of laboratory metrologists performing calibrations of working standards, field inspector's equipment and measurement standards for private industry. Position supervises and periodically performs tests on standards of mass, volume, temperature and linear measurement; and consults with industry representatives on testing techniques and procedures while determining the number and types of comparisons necessary for maximum accuracy in determining acceptability of their standards. Position is responsible for scheduling equipment maintenance and preparing budget requests, seeing that all laboratory auditing program problems which are required by the National Institute of Standards and Technology (NIST) for certification are completed and overseeing the grain moisture meter inspection program. Work may include other duties as assigned.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge of mathematics and statistics; laws and regulations related to standards of measurement; construction and operation of scales, meters and other mechanical measuring devices; and mathematical principles involved in computing weights, volumes and linear measurements.
- Ability to plan, direct, train and review the work of subordinates.
- Ability to plan, develop and administer effective measurement programs.
- Ability to comprehend, explain and apply rules and regulations.
- Ability to prepare and present clear, concise reports.
- Ability to express ideas clearly in both written and oral form.
- Ability to program software applications for use by laboratory personnel.
- Ability to establish and maintain effective working relationships.
- Sufficient strength is required to lift, move and handle weights.

Minimum Education and Experience

Bachelor's degree in math, physics or other related science from an appropriately accredited institution and three years progressive metrology related experience; or an equivalent combination of training and directly related experience.