

***Principal State Metrologist
Essential Task Ratings Results***

Task #	Task Statement
1	Acts as principal staff specialist to various multidisciplinary program groups engaged in weights and measures activities.
2	Plans, organizes, and directs the development and operations of the California Measurement System consisting of a network of cooperating commercial, educational, governmental, industrial, and scientific research laboratories, and the State Metrology Laboratory.
3	Develops policies and procedures for the effective operation of the California Measurement System in accordance with the requirements established by the National Institute of Standards and Technology (NIST).
4	Obtains and ensures that the members of the California Measurement System comply with the applicable provisions of the Business and Professions Code, and the California Code of Regulations (CCR) pertaining to standards and commercial measuring devices.
5	Directs and ensures the uniformity of weighing and measuring standards consistent with those of the National Institute of Standards and Technology (NIST).
6	Conducts thorough and highly technical investigations of special measurement problems that require a broad background in fundamental measurement technology, science, engineering, and physics.
7	Conducts and directs the design and development of new and improved weighing and measuring standards, techniques, and test equipment.
8	Plans, organizes, and directs staff engaged in laboratory testing and standards certification work in the State Metrology Laboratory.
9	Consults with and directs California Weights and Measures Officials in the uniform application of certified weighing and measuring standards and related test equipment.
10	Assists the Director with the development and analysis of proposed legislation and regulations impacting the California Measurement System.
11	Analyzes and reports on the effects of legislation and regulations pertaining to the California Measurement System.
12	Consults with officials of the National Institute of Standards and Technology (NIST); private industry representatives; county Weights and Measures Officials; national, regional, and State associations of Weights and Measures Officials; other state agencies, universities, trade associations, and legislative representatives relating to all matters of interest and concern to weights and measures.

Task #	Task Statement
13	Conducts outreach activities and makes educational presentations relating to weights and measures to the National Institute of Standards and Technology (NIST); private industry representatives; county Weights and Measures Officials; national, regional, and State associations of Weights and Measures Officials; other state agencies, universities, trade associations, and legislative representatives.
14	Corresponds with and prepares annual reports for the National Institute of Standards and Technology (NIST) and other accrediting bodies regarding the operations and work performed by the State Metrology Laboratory.
15	Represents the Division of Measurement Standards on matters pertaining to weights and measures at state, regional, and national meetings.
16	Conducts annual management review of laboratory activities with Director.
17	Develops and maintains Laboratory Quality manual, Standard Administrative Procedures manual, and measurement assurance (control charts) required for laboratory accreditation and state recognition.