

Measurement Standards Specialist I
Essential Task Ratings Results

Task #	Task Statement
1	Perform algebraic, geometric, trigonometric, and statistical techniques, as well as manipulations of linear equations to design, formulate and analyze measurement equations. Perform dimensional analyses, measurement unit conversions, and collect and evaluate relevant data, to produce meaningful measurement results.
2	Operate computer using computer software programs to document and track projects, design control charts and manage data for type evaluation processes and database applications, use spreadsheets to model and analyze measurement equations and evaluate data to obtain measurement results.
3	Assist MSS IIIs with ensuring the accuracy of various measuring devices and equipment submitted to the Measurement Standards Division laboratory are accurate and in compliance with State and Federal regulations and codes.
4	Assist MSS IIIs with enforcing the California Business and Professions Code, and the California Code of Regulations relating to weighing and measuring devices.
5	Operate a scientific calculator to estimate and check measurement results and as a general supplement to a computer.
6	Assist MSS IIIs with gathering, analyzing, and compiling data to determine which testing methods best support the test records, legal requirements and scientific principles.
7	Assist MSS IIIs with maintaining laboratory and field standards and equipment by documenting, investigating and correcting out-of-control laboratory conditions and assess potential impact on clients.
8	Assist MSS IIIs with performing periodic maintenance on the working standards and other test equipment, including cleaning, and minor adjustments, troubleshooting, and repair involving electronic, electro-mechanical, pneumatic, hydraulic, and optical systems.
9	Assist MSS IIIs with certifying and enforcing the accuracy and precision of physical standards representing legal units of measurement for interdepartmental programs, federal, state and local government agencies, and industry.
10	Assist MSS IIIs with overseeing major and minor repairs and cleanup of the laboratory.