

Measurement Standards Specialist I
Knowledge, Skill, Ability, and Personal Characteristic Statements
Rating Results

KSAPC #	Knowledge, Skill, Ability, and Personal Characteristic Statement
K01	Principles of algebra, geometry, statistics, electronics and engineering.
K02	Physical principles involved in the operation of weighing and measuring instruments.
K03	Analysis and application of electronic solid-state circuitry as applied to digital voltmeters, computers and electronic transducers.
K04	Test instruments commonly used with electronic equipment.
K05	Concepts, methodology, practices, and design principles involved in the construction, installation, operation, and inspection of mass, volumetric, and linear measuring instruments such as scales, meters, cordage measuring devices, and the calibration of instruments.
K06	Specifications and tolerances in the California Administrative Code applicable to these instruments.
K08	Physics as applied to weighing, measuring and electronic metering instruments.
K09	Applications of computers and microprocessors in commercial weighing and measuring devices.
A01	Communicate effectively at a level required for successful job performance.
A02	Interpret and apply weights and measures laws and regulations relating to weighing and measuring instruments.
A03	Determine the sufficiency and validity of evidence to prosecute violators of weights and measures laws.
A04	Establish and maintain cooperative relations with those contacted in the work.
A05	Prepare clear and concise reports and correspondence.
A06	Analyze data and draw sound conclusions.
A07	Provide effective training.
A08	Advise manufacturers regarding suitability and applicability of new designs, models, and technical features in the market place.
A09	Develop specifications and tolerances for weighing and measuring and electronic metering instruments.
A10	Ability to lift up to 50 lbs of weight repeatedly over an extended period of time.
A11	Ability to work on ladders, platforms, or elevated surfaces.
A12	Ability to work in close quarters.
A13	Tow and maneuver a trailer.
SPC01	Willingness to travel domestically and internationally.