

CHEMIST SUPERVISOR 1

KIND OF WORK

Supervisory complex professional work in an analytical laboratory.

NATURE AND PURPOSE

An employee in this class is responsible for the direction of a specific section or unit of an analytical laboratory including supervision and training of the technical staff. He/she exercises mature scientific judgment in the final interpretation of test results to enable state regulatory agencies to provide the services required by law. The employee has the responsibility for developing new methods and maintaining quality control to ensure accuracy of results obtained. He/she provides feedwork direction for Chemist, Intermediates, Chemists and Chemist Aides and is under the supervision of a Laboratory Director, Chemistry or Analytical Services Section Assistant Chief through conference and review of reports.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Supervises technical personnel in performing both standard and non-routine procedures for analysis of agricultural, environmental highway or biological samples so that documentation is available for regulatory or legal action.

Makes recommendations for the acceptance or rejection of materials and products.

Maintains and improves quality control so that analyses are within the limits of desired accuracy.

Assists other government agencies or private companies to perform analytical procedures comparable to those performed in the state laboratory.

Researches, develops and establishes new test procedures to increase accuracy of measurement and unit output.

Participates in training programs and stays abreast of technical development in his/her field to ensure that current and future needs of the unit clientele are met.

Ensures that necessary chemical supplies and equipment are available and in good repair so that analyses can be made quickly and accurately.

Communicates with vendors and obtains samples of products potentially desirable to improve operating efficiencies and scope.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED (Those asterisked are also essential at entry and are to be used in development of selection criteria.)

Knowledge of:

*Extensive knowledge of the principles, practices and techniques of chemical and physical analytical measurement.

*Thorough knowledge of current research investigations and developments in the field of analytical measurement.

Skill in:

*Manipulative techniques in following standard scientific procedures.

Ability to:

*Plan, direct and coordinate the work of others.

*Evaluate analytical results for accuracy, completeness and suitability as evidence in a court of law.

*Develop testing and research programs, assemble research data and to organize, analyze and present scientific data with thoroughness and accuracy.

Est.: 7/67
Rev.:
Ckd.: 9/68

T.C.: 4/89
Former Title(s): Chemist, Senior