

## RESEARCH SCIENTIST 2

### KIND OF WORK

Advanced scientific research work.

### NATURE AND PURPOSE

An employee in this class is responsible for performing independent research work. Work involves responsibility for initiating and completing research projects under the general supervision of a higher level employee. This employee may also review research activities in progress, correlate complex technical findings, interpret theories and reports and instruct lower level employees in research procedures. Work is performed under general supervision and is reviewed through conferences and reports in terms of results achieved.

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

Examines, devises and evaluates procedures and techniques for use in research projects.

Plans and directs investigation of the present and potential uses of the natural resources of the state and the present and probable sources of pollution, evaluates the pollution effects on the quality of the air or water in relation to their uses and prepares recommendations for control of pollution.

Directs and coordinates the activities of research teams, special field investigations or study projects.

Evaluates reports on air or water use, quality and pollution control investigations and prepares classifications and standards.

Prepares research reports and reviews suitability for publication in scientific journals.

Give lectures and speeches on scientific subjects.

Conducts seminars on research methods, problems and theories.

Devises, assembles, installs and tests highly complicated analytical apparatus used in research.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Considerable knowledge of scientific, experimental and research techniques.

Considerable knowledge of procedures involved in planning, executing, evaluating and reporting controlled experimental research in the physical and social sciences.

Considerable knowledge of current literature on research activities relating to mental health.

Considerable knowledge of the principles of modern air or water quality control practices.

Considerable knowledge of the scope and aspects of the air or water quality control program.

Ability to:

Ability to organize, execute and evaluate research activities independently and to correlate findings from a variety of scientific disciplines.

Ability to prepare and review reports and papers on the results of research projects.

Ability to establish and maintain satisfactory working relationships.

Est.: 6/90  
Ckd.: 11/92

T.C.:  
Former Title(s):