

STATE OF ARIZONA JOB CODE CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV37226
Job Class Code:	270	Salary Schedule:	ASRRENVEN
EEO Category:	02	Grade:	21
Workers Comp Code:	8601		
Job Code Established:	08/31/88	Effective Date:	
Job Code Revised:	01/01/01	Effective Date:	

JOB CODE SERIES: Environmental Engineering Series

JOB CODE TITLE: ENVIRONMENTAL ENGINEERING SPECIALIST

HRIS TITLE: ENVMTL ENGRG SPCT

CHARACTERISTICS OF THE CLASS: Works under the supervision of a registered professional engineer. Work is reviewed upon completion to ensure compliance with program procedures/regulations, State and Federal laws, and accepted engineering standards/ specifications. Has the authority to make independent decisions, within program guidelines and engineering standards/specifications, regarding permit issuance for routine water/wastewater treatment facilities/ systems applications. Reviews construction plans for and/or inspects newly constructed/remodeled water/wastewater treatment facilities/ systems, hazardous waste and solid waste disposal facilities, or air pollution sources to determine compliance with engineering oriented environmental control rules, regulations, and specifications; recommends issuance of permits and identifies remedial actions necessary. Work product consists of complete, accurate review of construction plans for water/ wastewater treatment facilities/systems; complete, accurate environmental pollution control reports, including recommendations for abatement; permits issued. Responsible for timely and accurate completion of all projects assigned; scheduling and prioritizing workload for self.

EXAMPLES OF DUTIES: Examines and analyzes construction or modification plans for water/wastewater systems; evaluates these in terms of environmental impact and water quality control. Inspects water/wastewater systems and solid/hazardous waste disposal facilities to determine compliance with state and federal standards and acceptable sanitary engineering practice. Makes engineering calculations and analyses to evaluate permit applications and plans and to determine potential for development of pollution sources; such calculations include determinations of pollutants to be emitted, quantities, abatement equipment available and its effectiveness. Inspects sources of air pollution, conducts tests, examines control equipment and gathers data as basis for recommendations regarding air pollution. Writes drafts of notices of violation or cease and desist orders and routes them through supervisor for action. Observes, analyzes, and evaluates results of air pollution source emission tests; evaluates air testing procedures, laboratory analysis procedure, and the technical evaluations made of the data collected.

Confers with, and advises, representatives of local government or private industry regarding technical aspects of environmental control. Writes detailed environmental impact reports, in designated format, based on own investigation/analyses of environmental conditions brought about by actual or proposed construction or operation of facility. Gathers data from manuals, statutes, rule books, codes, and regulations in order to make determinations and decisions. Prepares tables, charts, graphs and other data summarization; performs calculations, draws graphic representations, roughs out tables, charts, or graphs for typing or finishing. Gives and receives information requiring some judgment or discretion regarding current and specific business of the work unit, by telephone or by direct personal contact. Confers with superior, presenting and resolving difficult problems or questions, discussing plans and actions to be taken, making decisions. Performs related work as required.

WORK CONDITIONS: Facility inspections and field sampling necessitate exposure to variable weather conditions and occasionally to hazardous materials/conditions.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of: the methods and techniques of engineering analysis as applied to questions of environmental pollution control; the principles and practices of engineering relating to environmental control facilities, systems, operating procedures, instrumentation and related control devices; Federal and State statutes and agency standards, policies and procedures applicable to the area of assignment; policies and procedures established for the environmental control program to which assigned.

Skill/Ability to: apply engineering principles, practices, and standards in evaluating construction plans and completed facilities for compliance with environmental control program requirements; identify engineering-oriented environmental control problems; establish and maintain work relationships with agency staff, the regulated business/industrial community and other governmental regulatory officials to obtain information and resolve problems; communicate verbally and in writing.