

EDITED KSAPC LISTING

CLASSIFICATION: WATER AND SEWAGE PLANT SUPERVISOR, CORRECTIONAL FACILITY (CF)

NOTE: Each position within this classification may perform some or all of these KSAPCs.

KSAPC Statements	
Knowledge of:	
K1.	Comprehensive knowledge of water, sewage and other mechanical systems/equipment, methods, materials, and tools used in the operation, maintenance, and repair of equipment to ensure proper operation of a waste water and water treatment facility.
K2.	Comprehensive knowledge of principles of water and sewage treatment to make field adjustments and ensure compliance of federal and state laws.
K3.	Basic knowledge of the Department's Equal Employment Opportunity Program objectives to ensure a workplace free of discrimination.
K4.	Basic knowledge of a manager's role in the Equal Employment Opportunity Program and the processes available to meet Equal Employment Opportunity objectives.
K5.	Basic knowledge of computers and Programmable Logic Controllers (PLC) in order to perform daily duties.
K6.	Comprehensive knowledge of controls (e.g., electrical, electronic, digital, pneumatic, etc.) in order to provide economical and safe operation to various institution/facility systems.

KSAPCs highlighted in bold text are not currently on the SPB classification specification

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KSAPC Statements	
Ability to:	
A1.	Communicate effectively with other operators, supervisors, and adult/youthful offenders on the technical level for the classification to instruct and provide accurate information and direction to maintain effective working relationships.
A2.	Interpret chemical and physical laboratory tests to determine effectiveness of water and sewage treatment processes to ensure that finished water is in compliance.
A3.	Prepare routine reports and keep accurate records for audits and inspections, in order to respond to regulatory agencies.
A4.	Train and direct workers engaged in operating water and sewage treatment plants in order to comply with the Injury and Illness Prevention Program.
A5.	Read, interpret, and work from plans, drawings, and specifications in order to perform daily duties.
A6.	Think and act quickly in emergencies in order to effectively resolve issues.
A7.	Analyze situations accurately and take effective action in order to produce safe and potable drinking water and compliant effluent waste water.
A8.	Effectively contribute to the Department's Equal Employment Opportunity Program objectives to ensure a workplace free of discrimination.
A9.	Coordinate, plan, and work with skilled craftspersons and semiskilled workers, adult/youthful offenders in order to service and repair equipment.
A10.	Remain calm and focused on tasks while working in an environment of excessive noise, high-voltage electricity, chemicals, and extreme temperatures in order to safely and properly maintain the physical plant.
A11.	Supervise the conduct of adult/youthful offenders and take appropriate action to maintain order and protect personal and state property.
A12.	Operate basic computer applications to perform daily duties.

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KSAPC Statements	
<i>Personal Characteristics:</i>	
PC1.	Expected to be alert at all times, in order to maintain a safe work environment.
PC2.	Expected to analyze situations and determine an effective course of action.

KSAPC Statements	
<i>Physical Characteristics:</i>	
PHC1.	Maintain sufficient strength, agility, and endurance to perform during stressful (physical, mental, and emotional) situations encountered on the job without compromising their health and well-being or that of their fellow employees or that of inmates to provide safety and security of the institution.