

EDITED KSA LISTING

CLASS: Chief of Plant Operation I, CF

NOTE: Each position within this classification may be required to possess all or some of these knowledge, skills or abilities.

#	Knowledge, Skill, Ability
	Knowledge of:
K1	General knowledge of the types of institutional mechanical systems (e.g., heating, electrical, security, plumbing, water and waste water systems, and refrigeration, etc.) and ancillary equipment necessary to ensure the efficient operation of the physical plant.
K2	Basic knowledge of the operation and maintenance of boilers to provide adequate heating, hot water, laundry, food services and industrial processes.
K3	General knowledge of materials, methods (e.g., Capital Outlay processes, preventative maintenance, Section 6, Architectural and Engineering requests, contracts, etc.), and tools used in the maintenance, repair and alteration of buildings, equipment and grounds to ensure the efficient operation of the physical plant.
K4	Basic knowledge of the operation of mechanical refrigeration and air-conditioning systems to ensure adequate climate control of buildings and food storage spaces.
K5	Technical knowledge of the rules, regulations and safety orders of the California Code of Regulations applicable to work site operations, trade specific tasks and the maintenance of buildings and grounds.
K6	General knowledge of the principles of effective supervision and personnel management practices in order to direct all aspects of Plant Operations.
K7	General knowledge of the Department's Equal Employment Opportunity objectives to effectively direct staff.
K8	General knowledge of a manager's role in the Equal Employment Opportunity Program and the processes available to meet these objectives as it relates to the supervision and management of Plant Operations.
K9	Specific knowledge of Federal, State, and county/city rules and regulations regarding the removal, storage, and disposal of hazardous waste and materials to ensure regulatory compliance.
K10	Specific knowledge of applicable Federal, State, and county/city rules and regulations regarding underground storage tanks, air quality, water, and sewage standards to ensure regulatory compliance.

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#	Knowledge, Skill, Ability
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	Skill to:
S1	Communicate both orally and in writing to provide clear and concise information/ideas.
S2	Plan, organize, and direct the work of staff involved in maintaining the infrastructure of the physical plant to preserve and promote operational efficiency and energy conservation.
S3	Read, interpret, and work from plans, drawings, and specifications to provide project direction or information for the repairs of existing systems/facilities and to verify accuracy of documents for compliance with applicable codes.
S4	Apply basic mathematical skills to perform calculations to prepare various documents (e.g., purchase requisitions/contracts, cost estimates for building repairs, maintenance, and mechanical installations, etc.).
S5	Implement and maintain the mechanical equipment to reduce maintenance costs and maximize the structure/equipment life cycle.
S6	Plan and direct the work of staff (e.g., supervisors, skilled craftspersons and semiskilled workers, etc.) to provide coordinated maintenance services to the institution.
S7	Keep accurate records for applicable compliance with regulatory agencies and Departmental requirements.
S8	Think and act quickly to respond promptly to emergency situations and evaluate the most appropriate course of corrective action.
S9	Effectively promote equal opportunity in employment and maintain a work environment that is free of discrimination and harassment.