

#	Knowledge, Skill, Ability
K1	General knowledge of methods, materials, tools and equipment used in the construction, maintenance, and repair of buildings, building equipment and mechanical equipment installations
K2	General knowledge of codes, rules, regulations, and Safety Orders applicable to the various building and mechanical trades in order to safely and appropriately construct, inspect, repair and maintain facilities
<b>K3</b>	<b>Basic knowledge of codes, rules, regulations required in the supervision of inmates in order to facilitate the utilization of inmate labor</b>
K4	Basic knowledge of methods used in determining, requisitioning, receiving, and storing tools, equipment, materials, and supplies in order to construct, repair and maintain facilities
K5	Basic knowledge of principles of effective supervision in order to motivate, organize and direct work crews to successfully construct, repair, and maintain facilities
K6	Basic knowledge of a supervisors role of the Department's Equal Employment Opportunity (EEO) Program objectives to promote a work environment free from harassment, discrimination and provide equal access to training and promotional opportunities/upward mobility
<b>K7</b>	<b>Basic knowledge of progressive discipline process in order to resolve disciplinary issues at the lowest possible level</b>
<b>K8</b>	<b>Basic knowledge of Capital Outlay budget process in order to facilitate the repair or expansion to meet the needs of the physical plant</b>
<b>K9</b>	<b>Basic knowledge of the Injury Illness Prevention Program (IIPP) in order to create and maintain a safe work environment</b>
<b>K10</b>	<b>Basic knowledge of effective writing skills in order to prepare reports and correspondence</b>
	<b>Ability to:</b>
A1.	Lead the work of building and mechanical trade's journeypersons in order to construct, repair and maintain facilities.
A2.	Inspect the work of building and mechanical trade's journeypersons in order to correctly construct, repair and maintain facilities.
A3.	Assign the work of building and mechanical trade's journeypersons in order to efficiently construct, repair and maintain facilities.
A4.	Interpret blueprints, plans and specifications in order to determine work efforts necessary to complete work as designed.
A5.	Operate standard power tools and machines used in mechanical and construction trades work in order to properly complete assigned duties.
A6.	Estimate labor and material requirements in order to purchase materials, tools, equipment rentals and assign staff (resources) for the construction, repair or maintenance of facilities.
A7.	Maintain records and prepare reports to maintain compliance with mandated laws, regulatory agencies and departmental operational procedures.
A8.	Analyze situations accurately in order to take effective action.
	<b>Ability to: CONTINUED</b>

A9.	Effectively contribute to the Department's EEO objectives in order to create and maintain a fair and equitable work environment.
A10.	Communicate effectively in order to exchange information and or provide direction to staff and others.
	<b>Special Physical Characteristics:</b>
SPHC1.	Have and maintain sufficient strength, agility, and endurance to perform during stressful (physical, mental, and emotional) situations encountered on the job without comprising your health and well being or that of fellow employees or that of inmates/wards.