<u>Summary of Duties</u>: Operates and maintains high pressure gas or oil fired boilers, gas or steam turbines, energy recovery boilers and heat exchangers, other heating systems, and their auxiliaries in supplying steam or high temperature hot water for space heating and similar purposes; operates and maintains large air conditioning machinery and other building service equipment; tests and monitors fire and life safety alarms and systems; or works with and supervises a small group of employees engaged in such work; or plans, coordinates and directs the work of employees engaged in such work; applies sound supervisory principles and techniques in building and maintaining an effective work force; fulfills affirmative action responsibilities; and does related work.

<u>Distinguishing Features</u>: The work of a **Building Operating Engineer** involves firing and maintaining high pressure steam boilers and other heating systems to supply steam for space heating and similar purposes; operating and maintaining high temperature hot water boilers, which may operate beyond 160 pounds psi and exceed 205 degrees Fahrenheit; operating ventilation equipment; testing, monitoring, and responding to fire and life safety systems and alarms; and operating and maintaining air conditioning plants including compressors, pumps, cooling towers and fans. In addition a Building Operating Engineer may monitor and adjust energy management computers and perform routine maintenance or make minor emergency repairs on plumbing, air conditioning, refrigeration, and electrical fixtures, and related equipment. An employee of this class may work rotating shifts. On night and weekend shifts, supervision received may be general and consist only of an evaluation of effectiveness as indicated by the efficiency with which building systems operate.

A **Senior Building Operating Engineer** normally works with and supervises a small group of Building Operating Engineers and is responsible for the safe, efficient and economical operation of building service equipment. Senior Building Operating Engineers may be required to work rotating shifts, but most work the day shift. An employee of this class may stand a regular operational shift, may do maintenance work on the building service equipment, and may issue keys in large buildings.

A **Chief Building Operating Engineer** is responsible for planning, coordinating, and directing the work of employees engaged in operating and maintaining building service equipment in several large buildings or a central operating plant, preparing budget estimates, compiling cost reports, recommending operating improvements, and may be responsible for the operation of elevator and escalator equipment. Incumbents in both the classes of Senior Building Operating Engineer and Chief Building Operating Engineer, as bona fide supervisors, are distinguished from lead workers in that they are responsible for the full range of supervisory activities including: application of discipline, processing and resolution of grievances, evaluation

### **Examples of Duties:**

#### **Building Operating Engineer:**

of performance, and approval of time off requests.

- \* Operates and services high pressure, high temperature, hot water and steam boilers, preheaters, vacuum and condensate systems, valves, pumps, and other boiler room machinery and equipment.
- \* Fires automatic and manual, natural and forced draft boilers, which includes adjusting fuel and air ratios, regulating water levels, adjusting steam flow, and lighting burners with automated or manual methods in order to ensure safe and efficient boiler operation.
- \* Secures automatic and manual, natural and forced draft boilers by shutting off fuel, turning off main stop valve, maintaining system steam flows, water levels, steam pressure and temperature, ensuring safe boiler shut down.

- \* Performs steam boiler and related equipment operating inspections includin g testing boiler safety equipment, reviewing temperature and pressure logs, and visually inspecti ng equipment such as controls, valves, and auxiliary pumps, to insure optimal equipment operation.
- \* Tests boiler water and chemically corrects for h ardness, suspended solids, hydrogenion concentration, and for phosphate and carbonate content.
- \* Tests cooling tower water for algae and hydrogen ion concentrations.
- \* Tests chilled and hot water systems for corrosion.
- \* Mixes and adds chemicals to boiler and cooling water for prevention o f scale and corrosion, and purges boiler water.
- \* Repairs boilers and related equipment, to include cleaning boiler internal s and preparing them for inspection, cleaning boiler burners, tubes, an d strainers, repacking and replacing valves, checking for and repairin g leaks, replacing pipes if necessary, cleaning an d repacking sight glasses, checking steam traps, and related fittings.
- \* Checks, replaces, and adjusts fan belts, cleans screens, lubricate s bearings, replaces defective bearings, changes filters, and take s differential pressure readings to ensure proper operation of ventilation equipment.
- \* Operates, lubricates, maintains and replaces parts, and performs both majo rand minor repairs on large air conditioning refrigeration compressors, condensers, evaporators, cooling towers, pumps, electronic and pneumatic controls, heat exchangers, package units, and water softeners.

\* Regenerates water softeners, including adjusting water flow timing renewing brine

solution, and washing out the softener.

- \* Maintains proper refrigerant charge in refrigeration units.
- \* Regulates acid pumps to maintain proper pH of system water.
- \* Keeps logs and records of operations, including temperatures, pressures, water, and fuel consumed, power consumed and co-generated, meter readings, maintenance work performed, and Air Quality Management District reports.
- \* May be responsible for the operation and maintenance of building service equipment in outlying buildings.
- \* May perform miscellaneous minor emergency trouble shooting on piping and plumbing fixtures, electrical equipment, and special equipment such as radiators, laundry washers and dryers, floor cleaners, and refrigerated air conditioning units.
- \* Tests the running of emergency equipment such as generators, fire pumps, air conditioning equipment, and power supplies in order to assure systems will function when needed.
- \* Monitor and may operate fire, life safety, and energy management computers.
- \* Responds to fire alarms by notifying appropriate agency and investigating incident.
- \* Compiles energy expenditure, electrical cogeneration output, and water consumption data, for heating and cooling systems.

**Senior Building Operating Engineer:** Works with and supervises a small group of Building Operating Engineers performing the above work, and:

- \* Inspects work in progress and upon completion for conformance to standards and for satisfactory operation of the units.
- \* Inspects building service equipment to determine repair needs.
- \* Estimates cost of repair work.
- \* Determines which repair and maintenance tasks fall within the capabilities of the operating personnel and which require specialists.
- \* Makes reports of equipment operation, installation, and maintenance work performed and of materials, supplies, and equipment used.
- \* Schedules testing and maintenance of fire and life safety equipment, alarm systems, and computer based control systems.
- \* Requisitions tools, materials and supplies.
- \* Keeps time and other related records.
- \* May stand a regular operational shift.
- \* May personally perform maintenance work or the more complicated repair work on building service equipment, except elevators.
- \* May do minor emergency trouble shooting on plumbing and electrical equipment.
- Oversees or personally performs operations in a central control room setting including monitoring data received from remote locations, controlling equipment, responding to

е

r

### BUILDING OPERATING ENGINEER, 5923 SENIOR BUILDING OPERATING ENGINEER, 5925 CHIEF BUILDING OPERATING ENGINEER, 5927

occupant complaints to ensure effective building systems operations.

- \* Reprograms computer based building controls systems.
- \* Performs mathematical conversions such as cubic feet per minute to pounds per hour, gallons per minute, and horsepower conversions in order t calculate usages, determine efficiency, and make reports to outsid agencies.
- \* Oversees testing of emergency generators.
- \* May issue keys for a large building.

Chief Building Operating Engineer: Plans and coordinates the operation an d main tenance of building service equipment in several large buildings or at a large central operating plant, and:

- \* Prepares specifications for tools, materials, and supplies.
- \* Reviews and compiles cost reports.
- \* Prepares budget estimates for operation and maintenance costs.
- \* Verifies appropriateness and accuracy of water, power, and fuel us e records, AQMD reports, and reports the operation and maintenance o f building heating, cooling, and electrical systems.
- \* Analyses incident reports of emergencies to determine causes, evaluat appropriateness of responses, and formulate preventive measures.
- \* Inspects in-progress and completed work involved in operation, maintenance and repair of building systems, excepting elevators, ensuring prope completion, and reporting progress to management.
- \* May perform emergency trouble shooting on piping, plumbing, electrical, an d refrigeration systems in order to assist subordinates in trouble diagnosis .
- \* Reviews records or personally observes the test running of emergenc y equipment such as generators, fire pumps, smoke, fire, and flow alarms, ai r conditioning equipment, and power supplies in or der to ensure systems will function when needed.
- \* Recommends service improvements.
- \* May direct the preparation of schedules for elev ator operations in several large buildings.
- \* May supervise Instrument Mechanics engaged in the maintenance and repair of building service and related equipment.

### Senior Building Operating Engineer and Chief Building Operating Engineer:

- \* May inspect repair work performed by outside contractors on servic equipment.
- \* Communicates equal employment/affirmative action information to employees.
- \* Applies job-related criteria in selecting, orien ting, assigning, training, counseling, evaluating and disciplining subordinates.

Assists employees in preparing for promotion, as described in the City's Affirmative Action Program.

\*

**All Classes:** May occasionally be assigned other duties for training purpose or to meet technological changes or emergencies.

Qualifications: Incumbents must have the following knowledges and abilities:

Senior   Senior   Chief   Building   Operating   Engineer   Building   Operating   Engineer   Engineer   Engineer   Engineer	alifications: Incumbents must have the following knowledges and abilities:				
Principles and practices used in the operation of high and low Good Good Good Tools, methods and practicely used in the operation of high and low Good Good Good Tools, methods and practices involved in the cleaning and maintenance of water boilers, and their auxiliaries.  Good Good Good Good Good Tools, methods and practices involved in the temperature hot water boilers, and their auxiliaries.  Good Good Good Good Good involved in high pressure boilers, including the replacing of pipes and valves. Hazards and proper safety precaution so involved in high pressure boiler operation.  Good Good Good Good practice so involved in high pressure boiler operation.  Frinciples and proper safety precaution and maintenance of air conditioning and ventilating systems, water softeners, and similar and coling tower water for undesirable qualities, and the chemicals used in water for	Knowledges of:		Senior	Chief	
Principles and practices used in the operation of high and low Good Good Good Tools, methods and practices used in the operation of high and low Good Good Good Tools, methods and practice so involved in the cleaning and them temperature hot water boilers, and their auxiliaries.  Good Good Good Good Good involved in the replacing of pipes and valves.  Good Good Good Good involved in high pressure boiler operation.  Finciples and proper safety precaution so involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Good Good Good Good Good airvolved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar are equipment.  Good Good Good Good Good and cooling tower water for undesirable equalities, and the chemicals used in water for undesirable equalities, and the chemicals used in water for undesirable equalities, and the chemicals			Building	Building	
Principles and practices used in the operation of high and low Good Good Good Tools, methods and practices boil fired pressure gas or oil fired practices involved in the cleaning and temperature hot maintenance of steam and high temperature hot auxiliaries.  Good Good Good Good Good involved in high pressure boiler operation.  Good Good Good Good practices and proper safety precaution sinvolved in high pressure boiler operation.  Principles and proper and valves.  Good Good Good Good practices involved in high pressure boiler operation.  Principles and proper and valves involved in high pressure boiler operation.  Principles and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and sim ilar equipment.  Procedures involved in the testing of boiler and cooling tower water for undesirable qualities, and the chemicals used in water		Operating	Operating	Operating	
practices used in the operation of high and low Good Good Good Tools, methods and oil fired practices involved in the including high cleaning and temperature hot maintenance of steam and high and their auxiliaries.  Good Good Good Good involved in the replacing of pipes and valves. Hazards and proper safety precautions involved in high pressure boiler operation. Principles and Good Good Good involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water in water for undesirable qualities, and the chemicals used in water in		Engineer	Engineer	Engineer	
the operation of high and low Good Good Good Tools, pressure gas or oil fired practices involved in the cleaning and temperature hot maintenance of steam and high temperature hot auxiliaries.  Good Good Good Good involved in high pressure boilers, including the replacing of pipes and valves. Hazards and proper safety precaution s involved in high pressure boiler operation. Principles and practice involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and sim il a requipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water for undesirable qualities, and the chemicals used in water water in wate	Principles and				
high and low Good Good Good Tools, methods and oil fired practice s boilers, including high cleaning and maintenance of water boilers, and their auxiliaries.  Good Good Good Good Good Good Good Goo	practices used in				
pressure gas or oil fired practice so boilers, including high cleaning and temperature hot maintenance of water boilers, and their auxiliaries.  Good Good Good Good practice and proper safety precautions and proper safety pressure boiler operation. Principles and properation and maintenance of air conditioning and ventilating systems, water softeners, and similar a requipment.  Good Good Good Good and cooling tower water boiler operation and maintenance of air conditioning and centilating systems, water softeners, and similar requipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water	the operation of				
oil fired boilers, including high cleaning and temperature hot water boilers, and their auxiliaries.  Good Good Good Good Good  Good Good Go	high and low	Good	Good	Good Tools,	
boilers, including high temperature hot maintenance of water boilers, and their auxiliaries.  Good Good Good Good involved in the operation.  Good Good Good Good practice sinvolved in high pressure boiler operation.  Principles and proper asfety precaution sinvolved in high pressure boiler operation.  Principles and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Good Good Good Good according tower water for undesirable qualities, and the chemicals used in water	pressure gas or			methods and	
including high temperature hot water boilers, and their auxiliaries.  Good Good Good Good involved in high pressure boiler operation.  Frinciples and maintenance of pipes and valves.  Hazards and proper safety precautions involved in high pressure boiler operation.  Principles and maintenance of air conditioning and ventilating systems, water softeners, and similar in lar requipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				practice s	
temperature hot water boilers, and their steam and high temperature hot auxiliaries.  Good Good Good Good involved in high pressure boiler operation.  Principles and proper safety precaution service in the operation.  Principles and practice sinvolved in high pressure boiler operation.  Principles and practice sinvolved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Good Good Good Good according to the testing of boiler and coling tower water for undesirable qualities, and the chemicals used in water some sine of the colonial sused in water some and the chemicals used in water some services.	boilers,			involved in the	
water boilers, and their auxiliaries.  Steam and high temperature hot auxiliaries.  Water boilers, including the replacing of pipes and valves. Hazards and proper safety precautions involved in high pressure boiler operation.  Good Good Good Good practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar are equipment.  Procedure sinvolved in the testing of boiler and cooling tower water for undesirable equalities, and the chemical sused in water	including high			cleaning and	
and their auxiliaries.  temperature hot water boilers, including the replacing of pipes and valves. Hazards and proper safety precautions involved in high pressure boiler operation.  Good Good Good Good practices and principles and principles and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Frocedures involved in the testing of boiler and cooling tower water for undesirable qualities, and the chemicals used in water	temperature hot			maintenance of	
auxiliaries.  water boilers, including the replacing of pipes and valves. Hazards and proper safety precaution so pressure boiler operation. Principles and pressure boiler operation. Principles and Good Good practices and principles and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Procedures involved in the testing of boiler softeners and cooling tower water for undesirable equalities, and the chemicals used in water	water boilers,			steam and high	
including the replacing of pipes and valves. Hazards and proper safety precautions of involved in high pressure boiler operation.  Good Good Good practic es involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Good Good Good Good and cooling tower water for undesirable equalities, and the chemicals used in water				<del>-</del>	
replacing of pipes and valves. Hazards and proper safety precautions safety precautions operation.  Good Good Good involved in high pressure boiler operation. Principles and Practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water	auxiliaries.				
pipes and valves. Hazards and proper safety precautions operation.  Good Good Good involved in high pressure boiler operation. Principles and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				<u> </u>	
Good Good Good involved in high pressure boiler operation.  Good Good Good practice a involved in high pressure boiler operation.  Principles and practice a involved in the operation and maintenance of air conditionin g and ventilating systems, water softeners, and sim ilar requipment.  Procedure sinvolved in the testing of boiler sinvolved in the testing of boiler water for undesirable qualities, and the chemicals used in water					
Good Good Good involved in high pressure boiler operation.  Principles and Practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
Good Good Good involved in high pressure boiler operation. Principles and Practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment. Procedures involved in the testing of boiler and cooling tower water for undesirable qualities, and the chemicals used in water					
Good Good Good involved in high pressure boiler operation.  Principles and Practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Procedures involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler and cooling tower water for undesirable qualities, and the chemicals used in water					
Good Good Good praction.  Frinciples and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar requipment.  Procedures involved in the testing of boiler Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				_	
Good Good Good practices and practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler and cooling tower water for undesirable qualities, and the chemical sused in water	Good	Good	Good	_	
Good Good Good practice s involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Procedure sinvolved in the testing of boiler and cooling tower water for undesirable equalities, and the chemical sused in water				-	
Good Good practices involved in the operation and maintenance of air conditioning and ventilating systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler  Good Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				<del>-</del>	
involved in the operation and maintenance of air conditioning and ventilating systems, refrigeration systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				<del>-</del>	
operation and maintenance of air conditioning and ventilating systems, refrigeration systems, water softeners, and similar equipment.  Procedure sinvolved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water	Good	Good	Good	<del>-</del>	
maintenance of air conditioning and ventilating systems, refrigeration systems, water softeners, and similar equipment.  Procedure sinvolved in the testing of boiler  Good Good Good and cooling tower water for undesirable equalities, and the chemicals used in water					
air conditionin g and ventilatin g s y s t e m s , refrigeratio n systems, water softeners, and s i m i l a r equipment. Procedure s involved in the testing of boiler Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				_	
and ventilating systems, refrigeration systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
systems, refrigeration systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
refrigeration systems, water softeners, and similar equipment.  Procedures involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
systems, water softeners, and s i m i l a r equipment.  Procedure s involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				<del>-</del>	
softeners, and s i m i l a r equipment.  Procedure s involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water				_	
s i m i l a r equipment.  Procedure s involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemical s used in water				- ·	
equipment.  Procedure s involved in the testing of boiler  Good Good and cooling tower water for undesirable qualities, and the chemical s used in water					
Procedures involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
involved in the testing of boiler  Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
Good Good Good and cooling tower water for undesirable qualities, and the chemicals used in water					
water for undesirable qualities, and the chemicals used in water	Good	Good	Good		
undesirable qualities, and the chemicals used in water				_	
qualities, and the chemical s used in wate r					
the chemicals used in water				qualities, and	
				_	
treatment.				used in water	
				treatment.	

Working	Working	Good	Operating principles of compressed air system service and control including pressure regulators, air control valves, driers, safety devices, and valve replacement techniques sufficient to operate, maintain, and repair them if necessary.  Fire alarm systems, fire pumps, and emergency generator operation sufficient to run the equipment when
Good	Good	Working	necessary. Principles of electricity
Working	Working	General	such as wiring and connections at a level sufficient to work on electrical equipment in safety and without causing equipment damage.  Operation of computer based building control systems sufficient to
Working	Working	Working	perform trouble shooting. Supervising principles, and practices including:
Working	Good	Good	planning, delegating, and controlling the work of subordinates. Techniques of training,
	Good	Good	instructing and evaluating subordinate's work performance. Techniques of
	Good	Good	counseling, disciplining, and motivating subordinate personnel.  The procedures for
	Good Good	Good Good	grievance handling. S u p e r v i s o r y responsibility for EEO/AA as set forth in the City Affirmative Action Program. Effective safety
General	Good Good	Good Good	principles and practices City personnel rules,

General	General	General
	Working	Working Working
x	x	
X X	X X	
X	X	x
x	X	x

X

policies, and procedures. Memoranda of understanding as they apply to subordinate personnel. Problems involved in elevator operations.

### **Ability to:**

Use safely the hand and power tools such as grinders, drills, and pneumatic tools commonly used in maintenance and repair of various building operating equipment.

Interpret trouble calls and make appropriate corrective decisions.

Keep routine operation records.

Analyze indications of building system problems and anticipate malfunctions to determine preventive action.

Perform arithmetic calculations (addition, s u b t r a c t i o n, multiplication and division) sufficient to calculate fuel use, power, water consumption, and BTUs.

Read and understand manufacturers manuals and brochures of instructions used in the repair and replacement of defective thermostats sufficient to effectively use them when making repairs.

X

		diagrams and drawings of
		equipment in order to use
		them when necessary to
		maintain or repair
		equipment.
		Supervise a group of
		employees engaged in the
X	X	operation and
		maintenance of building
		service equipment.
		Inspect building
		equipment and determine
X	X	maintenance and repair
Λ	A	needs, estimate time,
		cost, and materials, and
		plan and schedule work.
		Inspect contract repair
		work on building service
V	V	equipment for conformance to
X	X	
		specifications.
		Read blueprints and make
		drawings of layouts.
X	X	IZ
X	X	Keep operating and
		maintenance cost reports;
X	X	Prepare rough
		specifications for tools,
		materials, and supplies.
		Prepare elevator and
X	X	escalator operation
		schedules for a large
		building.
		Prepare budget and
	X	comprehensive
		administrative reports.
		Interact effectively with a
	X	variety of individuals,
		including coworkers, x
		vendors, building tenants,
		and the public.
		Communicate clearly,
		concisely, and effectively
X	X	orally and in writing.
		Establish and maintain a
X	X	work environment to
		enhance both employee
		morale and productivity.
		Apply sound supervisory
		principles and
X	X	techniques.
Δ	Δ	comiques.

x
Fulfill supervisory
affirmative action
responsibilities as x x
indicated in the City's
Affirmative Action
Program.

# **Minimum Requirements:**

**Building Operating Engineer:** Possession of a valid unlimited steam engineer's license issued by the Department of Building and Safety of the City of Los Angeles. For some positions, may be required to possess a valid turbine endorsement.

**Senior Building Operating Engineer:** Two years of experience in the operation and maintenance of high pressure gas or oil fired boilers or other building operating systems at the level of Building Operating Engineer.

**Chief Building Operating Engineer:** Two years experience in the operation and maintenance of high pressure oil or gas fired boilers or other building operating systems at the level of Senior Building Operating Engineer.

<u>Licenses</u>: All three classes: A valid unlimited steam engineer's license issued by the Department of Building and Safety of the City of Los Angeles is required.

A valid California driver's license and a good driving record may be required.

### Physical Requirements:

Building Operating Engineer and Senior Building Operating Engineer: Strength to perform average lifting up to 35 pounds and occasionally over 70 pounds; back and leg coordination involved in such activities as stooping, kneeling, crouching, climbing, and crawling to an unusual extent; arm, hand, and finger dexterity with both hands in such activities as reaching and handling; and good eyesight and hearing.

Chief Building Operating Engineer: Strength to perform lifting up to 5 pounds and occasionally over 15 pounds; and good eyesight and hearing.

Those with medical limitations may be able to perform the duties of some positions with reasonable accommodation. The decision to accommodate someone's limitations will be made on an individual basis and depends on the types of limitations, what the hiring department can reasonably do to accommodate them, and the specific qualifications for the job.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what all of the duties and responsibilities of any position shall be.