



**CITY OF LONG BEACH  
CLASSIFICATION SPECIFICATION**

---

**TITLE:                                   MECHANICAL ENGINEERING ASSOCIATE**

**DEFINITION:** Under direction, performs responsible and difficult professional mechanical engineering work involved in the design, review and inspection of mechanical systems and equipment.

**EXAMPLES OF DUTIES:**

- Prepares mechanical engineering studies, designs, plans, specifications, estimates, and calculations involved in the construction, installation, maintenance, and operation of mechanical, plumbing, heating, air-conditioning, ventilating, and pumping systems and equipment;
- Reviews plans and specifications for and inspects or supervises the inspection of construction and installation projects for conformance with plans, specifications, regulations, and construction standards;
- Confers with architects, contractors, operating personnel, and others concerning plans and specifications and operating and maintenance standards;
- Conducts studies, develops plans and prepares estimates and reports in connection with various engineering projects, including long-range programs for the replacement and rehabilitation of mechanical and other systems and equipment;
- May supervise subordinate level personnel engaged in design and detailing work;
- May be assigned to plan, develop and maintain a system of checking mechanical and plumbing plans and permit applications and to check plans for compliance with applicable laws and ordinances;
- Performs other related duties as required.

**MINIMUM REQUIREMENTS:**

Graduation from an accredited four-year college or university with specialization in mechanical engineering and three years of recent professional experience in mechanical engineering.

A valid motor vehicle operator license or permit.

**HISTORY:**

Approval/Adoption Dates: 07/07/70