

City of New York
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Repost **Citywide Job Vacancy Notice**

Civil Service Title: Mechanical Engineer	Level: 01
Title Code No: 20415	Annual Salary: \$57,129 / \$65,698 - \$82,737
Office Title: Design Engineer	Work Location: 96-05 Horace Harding Expressway
Division/Work Unit: Bureau of Engineering Design & Construction/In-House Design	Number of Positions: Continuous Vacancies
Hours/Shift: 35 Hours per week/Day	Agency Tracking #: N/A

Job Description

Under general supervision, the selected candidate will perform responsible supervisory work or difficult and responsible work, in mechanical engineering, such as engage in the mechanical design of construction projects pertaining to water supply and its related appurtenances. Work may include, but is not limited to, design criteria identification, calculations, and preparing contract drawings, specifications and cost estimates for pumps, HVAC equipment, large valves, gates, and piping. Develop, engage, and may supervise personnel in activities in quality assurance, code compliance, permit identification and submittal, engineering studies, inspections and equipment investigations; coordinate work with other disciplines on technical resolutions and project development, status, and delivery; provide engineering judgment on job sites as needed; and resolve issues with all pertinent stakeholders, with proper justification.

Qualification Requirements

A valid New York State Professional Engineer License and four years of full-time experience in mechanical engineering. A master's degree in mechanical engineering from an accredited college will be accepted as equivalent to one year of the full-time experience in mechanical engineering. Current New York State registration as a Professional Engineer must be maintained for the duration of this employment.

Essential Skills

The selected candidate should have a minimum of 5 years experience in the analysis and design of large bore piping, valves, gates, HVAC equipment, and/or pumps; experience in the planning, layout, and development of contract drawings and specifications, process flow diagrams, field inspections, and investigations; knowledgeable in the application of AWWA, AISC, API, AWS, ASTM, and NYC building codes and standards; knowledgeable in application of ASME Boiler and Pressure Vessel and Power Piping codes; review and application of codes; review of contract and shop drawings; sizing of mechanical equipment; strong presentation and communication skills; stress analysis of pipe and equipment with different loading such as dead weight, thermal, seismic, water hammer and impact, HVAC load calculation; quantity takeoff and cost estimating; AutoCAD software application, Microsoft WORD and EXCEL applications.

To Apply:

Please submit 2 copies of your resume placing the JVN# on the upper right corner of your resume.

The JVN# is located at the lower right corner of this page.

NYC Department of Environmental Protection

Recruitment Office: 59-17 Junction Boulevard -18th Floor - Flushing - NY 11373-5108

OR

Via E-mail, please submit your resume in Adobe PDF or Microsoft Word
 placing the JVN# on the upper right corner of your resume as well as in the subject line to:

Recruit@dep.nyc.gov

For more information about DEP, visit us at: www.nyc.gov/dep

Appointments are subject to OMB approval.

Post Date: 1/25/2012	Post Until: 06/29/2012	JVN: 826-12-95326-EDC
-----------------------------	-------------------------------	------------------------------

The City of New York is an Equal Opportunity Employer