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**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

# SENIOR MECHANICAL ENGINEER ORIGINAL ENTRANCE

**DUTIES:** Performs supervisory and professional mechanical engineering work in connection with the mechanical design, construction, maintenance and operation of mechanical equipment in wastewater treatment plants or pumping stations.

**REQUIREMENTS:** The following requirements must be met by July 31, 2011:

1. Registration as a Professional Engineer in the State of Illinois; however, for a candidate with registration as a Professional Engineer in another state, registration as a Professional Engineer in the State of Illinois must be obtained prior to appointment.
2. Graduation from a four-year accredited college or university majoring in mechanical engineering. Four years of full-time, post-degree mechanical engineering experience related to the District's activities. **Substitution:** Graduate study in mechanical engineering may be substituted for the required experience on a year-for-year basis to a maximum of two years.
3. Domiciled within the boundaries of the District within six months of successful completion of probation. (The District is in Cook County, Illinois covering approximately 90% of the county area.)

**SALARY:** The current salary range is \$82,457.70 to \$121,234.88 per year with appointment usually made at the first (entry) step.

**THE EXAMINATION** will consist of an oral test, including a written exercise, weighted 100%. Candidates must achieve a passing score to have their names placed on the eligible list. The oral test will assess candidates' knowledge, skill and ability in areas such as the principles, practices and techniques of mechanical engineering; mechanical systems operations and construction; technical application of mechanics, thermodynamics and related engineering sciences to problems of heating, ventilation and plumbing; operating characteristics and maintenance requirements of HVAC, boilers, steam piping and steam systems, plumbing, heavy rotating machinery, large equipment blowers, odor control and centrifuges; preparation, review and maintenance of contracts and specifications; planning and coordinating work; reading and interpreting blueprints, plans, specifications and contract documents; problem solving and analysis; interpersonal skills; budget preparation and management; supervision; and written and oral communication.

**APPLICATION AND EXAMINATION PROCESS:**

1. Applications may be obtained from the **Employment Service Office** of the District by phoning (312) 751-5100 or by visiting the District's web site at [www.mwrd.org](http://www.mwrd.org). **The filing period for this examination will be from Friday, June 3, 2011 through Friday, July 1, 2011.** Completed applications must be filed by one of the following methods:
  - a. Delivered to the **Employment Service Office**, weekdays from 8:45 a.m. to 4:30 p.m. from June 3, 2011 through July 1, 2011.
  - b. Sent by mail to the **Employment Service Office**, Metropolitan Water Reclamation District of Greater Chicago, First Floor, 100 East Erie Street, Chicago, IL 60611. Applications sent by mail must bear a postmark no earlier than June 3, 2011 and no later than July 1, 2011.
  - c. Submitted online through the District's Online Employment Center at [www.mwrd.org](http://www.mwrd.org) from June 3, 2011 through July 1, 2011. Applications must be submitted by 11:59 p.m. Central Time on July 1, 2011.

**It is the responsibility of the applicant to ensure that the application form is completed and submitted in a timely manner by one of the methods described above.** Descriptions and dates of license, education and experience should be very clear so that it is understood exactly how the applicant meets the minimum requirements.

2. All applicants will be advised in writing if they have been admitted to the examination process. Applicants who do not receive a response to their application by July 22, 2011 should contact the Employment Service Office at (312) 751-5100. The tentative dates of the oral test are **Friday, July 29, 2011** and **Saturday, July 30, 2011** (if necessary to accommodate the number of candidates). Candidates will be informed in writing of the date, time and place of the oral test.

**VERIFICATION OF QUALIFICATIONS:** Prospective employees will be required to provide documentation of the required license, education and experience upon employment.

**APPOINTMENTS** will be made from an eligible list with three categories: A (Exceptionally Well Qualified), B (Well Qualified) and C (Qualified). Candidates in the highest category will be given first consideration for appointment. This examination is also being given on a Promotional basis. In instances where both Original Entrance and Promotional eligible lists result from an examination process, it is the District's practice to appoint only from the Promotional eligible list until all names from that list have been considered. The probationary period for this classification is one year. The eligible list has a duration of three years. New employees will be required to pass a physical examination which will include a drug test.

**AN EQUAL OPPORTUNITY EMPLOYER M/F/D**

Reasonable accommodation for individuals with disabilities will be made in accordance with applicable laws. Requests for testing accommodations are to be made within one week after the close of the filing period. For information regarding accommodation for individuals with disabilities, phone (312) 751-5173 (voice) or (312) 751-5916 (TTY).