



PORT OF OAKLAND
invites applications for the position of:

PORT ASSOCIATE ENGINEER (E/M WORK)

SALARY: \$10,730.00 - \$13,292.00 Monthly

OPENING DATE: 11/23/20

CLOSING DATE: 01/08/21 05:00 PM

JOB DESCRIPTION:

*** All completed applications for this position must be submitted online no later than 5:00 pm, on the closing date of the recruitment. PAPER APPLICATIONS WILL NOT BE ACCEPTED. Please follow all submission instructions to ensure your application is complete. Resumes will not be accepted in lieu of online applications, therefore, it is important for online applications to be completed fully. Late applications will not be accepted beyond the closing time and date for any reason, including any technical issues, such as system, browser, or computer failures, etc. ***

Selective Certification (Electrical)

The eligibility list generated from this announcement will only be used to fill specialized (Electrical Engineer) positions in the Engineering Department, Maritime Project Design and Delivery.

CLASS DEFINITION

Under general supervision, the employee is expected to handle with competence any engineering assignments. The employee uses initiative and creativity to solve electrical and mechanical problems. Performs other related work as required.

EXAMPLES OF DUTIES:

Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed. Incumbent may perform other related duties at the equivalent level.

- Prepares designs, plans, specifications, estimates and reports for electrical and mechanical engineering projects.
- Makes electrical and mechanical engineering investigations.
- Inspects construction of electrical and mechanical systems.
- Reviews test reports of completed installations.
- Directs preparation and maintenance of permanent engineering and cost data records.
- Prepares correspondence and other material.
- Prepares project schedules.

- Performs related work as assigned.

MINIMUM QUALIFICATIONS:

EDUCATION AND EXPERIENCE

This position requires three years of professional experience in the field of electrical and/or mechanical engineering and possession of a valid California certificate of registration as a Professional Engineer (PE) in electrical and/or mechanical engineering. A Master's degree in electrical and/or mechanical engineering from an ABET (American Board of Engineering and Technology) accredited college or university may be substituted for one year of experience.

KNOWLEDGE, SKILLS AND ABILITIES

To perform the typical task and duties of the position successfully, the knowledge, skills and/or abilities listed below are required.

Knowledge of:

- Electrical and mechanical principles and practices.
- The National Electric Code.
- The methods applied in inspections of materials used in electrical and mechanical engineering projects.
- The methods applied in testing of materials used in electrical and mechanical engineering projects.
- Principles of project management.

Ability to:

- Supervise and direct support staff.
- Use computer aided drafting programs.
- Establish and maintain effective working relationships with those contacted in the performance of duties and to work as a team.
- Work under deadlines and coordinate several concurrent assignments.
- Work with minimum supervision.

THE SELECTION PROCESS

Stage I: Application, PE Registration and Supplemental Questionnaire Evaluation

(Pass/Fail) – The first stage in the selection process will consist of an application, PE registration and supplemental questionnaire appraisal review (pass/fail). Applications submitted without a PE registration and completed supplemental questionnaire will not be given further consideration. Meeting the minimum qualifications does not guarantee advancement to the next stage. **Only the most suitably qualified candidates will be invited to Stage II.**

Stage II: Assessment Examination (Weighted 100%) – The second stage of the selection process may consist of a combination of job-related situational project exercises and an oral panel interview designed to assess technical knowledge and any additional other KSAs. Job-related situational project exercises may consist of written exercises, performance exercises or other situational exercises that would assess the KSAs. The Assessment Examination is designed to test the applicant's overall aptitude for the position.

Candidates must achieve a scale score of 70 or more on this examination to be placed on the eligible list for employment consideration. The Port of Oakland reserves the right to modify the selection process as necessary to conform to administrative or business necessity.

ADVISORIES

Immigration and Reform Control Act: In compliance with the Immigration and Reform Act of 1986, the Port of Oakland will only hire individuals who are legally authorized to work in the United States. Social Security card must be presented, and the name on it must match the name on the application.

Americans with Disabilities (ADA): In compliance with State and Federal Laws, the Port of Oakland will employ and promote qualified individuals without regard to disability. The Port is committed to making reasonable accommodations in the selection process and in the work environment. Individuals invited to advance in the examination process will be provided the opportunity to request a reasonable accommodation.

The Port of Oakland is an Equal Opportunity Employer

ADDITIONAL REQUIREMENTS:

Individuals appointed will be required to maintain a valid Class C California Driver's License. The license is to be maintained throughout employment with the Port of Oakland.

Incumbents in this classification may be assigned either to the Airport or Harbor work location. In order to comply with the security requirements of the Transportation Security Administration (TSA) for incumbents assigned to the airport and U.S. Customs for individuals who have unescorted access to secured areas of the harbor, each incumbent is required to successfully complete a Transportation Security Administration (TSA) background check, which will include a fingerprint-based Criminal History Records Check (CHRC) and a Security Threat Assessment (STA), prior to being considered for this position.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.portoakland.com>

Position #2020A-023
PORT ASSOCIATE ENGINEER (E/M WORK)
GP

530 Water Street
Oakland, CA 94607

perstech@portoakland.com

PORT ASSOCIATE ENGINEER (E/M WORK) Supplemental Questionnaire

- * 1. The purpose of this Supplemental Questionnaire is to assess your qualifications, training and experience in specific job relevant areas. The information you provide will be reviewed and used to determine if you move forward in the selection process. Incomplete responses (such as N/A or see application), false statements, omissions, or partial information may disqualify you from the selection process. Therefore, please answer all of the questions thoroughly and truthfully. Your answers to these questions, along with you completed application, will be used to select the most qualified

candidates to advance in the selection process. Please indicate that you have read and understand the instructions listed above.

☐ Yes ☐ No

- * 2. Please describe your experience in medium voltage power system design. Describe the extent of your responsibilities. Include specific examples of tasks performed, software used, and calculations performed.
- * 3. Please describe your project and construction management experiences. Describe what your role was in the project. Include specific examples of tasks performed and software used.
- * 4. Please describe your experience in medium voltage power system testing and commissioning. Include the extent your responsibilities and specific tasks performed.
- * 5. Please describe your experience working on electrical or mechanical rehabilitation projects. Include examples of specific tasks performed, project challenges, and outcomes of these projects.
- * 6. Please describe your experience with AutoCAD. Include version(s) you used, years of experience as a user, and examples of projects.
- * Required Question