

JOB CLASSIFICATION: Maintenance Machinist

SALARY: \$6,958 - \$8,055 Monthly
\$83,496 - \$96,660 Annually

OPENING DATE: Monday, August 17, 2015

CLOSING DATE: Friday, August 28, 2015 by 4:30 p.m.

OPEN TO: General Public

THE POSITION

East Bay Municipal Utility District (EBMUD) is an industry-leading water and wastewater utility providing high-quality drinking water for 1.3 million customers in Alameda and Contra Costa counties, with award-winning wastewater treatment that protects San Francisco Bay and services 650,000 customers. This is a career opportunity for highly-skilled professionals with experience in machine tool operation.

Maintenance Machinists work both in the shop and field performing highly skilled mechanical maintenance, fabrication, repair and installation work on a variety of industrial plant equipment such as pumps, valves, evaporators, compressors, generators, chemical feed equipment, plumbing systems and related mechanical equipment. The work requires considerable independent judgment.

The one current job opportunity is based in the Facilities Maintenance and Construction Division, Maintenance Support West (FMC West). The primary responsibilities will be troubleshooting, repair and maintenance of pumps, regulators, valves and all other mechanical equipment located in the water treatment plants, pumping plants and other facilities. The position also supports construction projects through shop fabrication and field installation of water system and building components.

Ideal candidates are skilled, journey-level Machinists with shop and field experience. Typical duties include:

- Setting up and operating machine tools (lathe, key-seater, grinder, horizontal boring mill, etc.).
- Diagnosing and repairing mechanical problems.
- Conducting failure or poor performance analysis to determine design modifications.
- Performing field and shop welding, rigging and fitting, and preventive maintenance.
- Using measuring instruments, layout tools and diagnostic equipment with accuracy and precision.
- Preparing drawings and sketches.
- Planning and estimating material and labor requirements.
- Directing the work of others as needed.

EBMUD is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, religion, sex, sexual orientation and gender identity, national origin, protected veteran status, or disabled status and will not be discriminated against on the basis of such protected category.

REQUIREMENTS

A typical means of acquiring the essential knowledge and abilities is:

1. A high school diploma or its equivalent; AND either:

- a. Sixteen months of experience comparable to EBMUD's Machining and Maintenance Worker III classification, including satisfactory completion of the appropriate courses and advanced on-the-job training, as specified in EBMUD's Maintenance Trades Training Program for Maintenance Machinists; OR
- b. Attainment of recognized journey-level status as a Maintenance Machinist or Millwright with work experience primarily in maintenance/repair, rather than limited to production machine tool operations.

NOTE: EBMUD's Maintenance Machinists are not comparable to Machine Operator or Production Machinist positions with most firms.

THE SELECTION PROCESS

1. Submit a completed EBMUD application and the required supplemental question responses online at www.ebmud.com by 4:30 p.m., Friday, August 28, 2015. Only application materials submitted online during the filing period will be accepted.
2. All qualified applications and supplemental responses will be competitively evaluated, with those candidates demonstrating the strongest qualifications for the position to be invited to a performance test tentatively scheduled for September 16 and 17, 2015.
3. Successful candidates will be placed on the hiring list, based on rank, for further consideration to fill the current regular vacancy, as well as others occurring over the next 12 to 24 months.

SUPPLEMENTAL QUESTIONS

As the first step in the selection process, responses to the supplemental questions must be submitted online with the regular EBMUD application. Please provide thorough, accurate descriptions of assignments you have personally performed.

1. Please indicate your level of skill with Pipework (2" to 16" diameter): Cast Iron
Experienced
Familiar
No experience
2. Please indicate your level of skill with Pipework (2" to 16" diameter): Welded Steel
Experienced
Familiar
No experience
3. Please indicate your level of skill with Pipework (2" to 16" diameter): PVC
Experienced
Familiar
No experience
4. Please indicate your level of skill with Pipework (2" to 16" diameter): Copper
Experienced
Familiar
No experience
5. Please indicate your level of skill with Pipework (2" to 16" diameter): Stainless Steel
Experienced
Familiar
No experience
6. Please indicate your level of skill with Pipework (2" to 16" diameter): Other
Experienced
Familiar

- No experience
7. Describe "other" type of Pipework listed in question 6 or any related experience in addition to those listed in questions 1 - 5.
8. Please indicate your level of skill with Plant Equipment: Pumps/Motors (greater than or equal to 200+ HP)
Experienced
Familiar
No experience
9. Please indicate your level of skill with Plant Equipment: Conveyor Systems (screw type, belt type)
Experienced
Familiar
No experience
10. Please indicate your level of skill with Plant Equipment: Compressors (reciprocating type, floating screw type, turbine type)
Experienced
Familiar
No experience
11. Please indicate your level of skill with Plant Equipment: Gear Boxes (large)
Experienced
Familiar
No experience
12. Please indicate your level of skill with Plant Equipment: Other
Experienced
Familiar
No experience
13. Describe "other" type of Plant Equipment listed in question 12 or any related experience in addition to those listed in questions 8 - 11.
14. Please indicate your level of skill with Machine Tool Operation: Lathes (10"-48" swing)
Experienced
Familiar
No experience
15. Please indicate your level of skill with Machine Tool Operation: Universal Mill
Experienced
Familiar
No experience
16. Please indicate your level of skill with Machine Tool Operation: Overarm Mill
Experienced
Familiar
No experience
17. Please indicate your level of skill with Machine Tool Operation: Horizontal Boring Mill
Experienced
Familiar
No experience
18. Please indicate your level of skill with Machine Tool Operation: Surface Grinder
Experienced
Familiar
No experience
19. Please indicate your level of skill with Machine Tool Operation: Drill Presses (including radial arm)
Experienced

- Familiar
No experience
20. Please indicate your level of skill with Machine Tool Operation: Hydraulic Presses
Experienced
Familiar
No experience
21. Please indicate your level of skill with Machine Tool Operation: Precision Measuring Instruments
Experienced
Familiar
No experience
22. Please indicate your level of skill with Machine Tool Operation: Other
Experienced
Familiar
No experience
23. Describe "other" type of Machine Tool Operation listed in question 22 or any related experience in addition to those listed in questions 14 - 21.
24. Please indicate your level of skill with Welding Equipment: Arc
Experienced
Familiar
No experience
25. Please indicate your level of skill with Welding Equipment: MIG/TIG
Experienced
Familiar
No experience
26. Please indicate your level of skill with Welding Equipment: Oxy-acetylene Cutting/Welding/Brazing
Experienced
Familiar
No experience
27. Please indicate your level of skill with Welding Equipment: Carbon Arc
Experienced
Familiar
No experience
28. Please indicate your level of skill with Welding Equipment: Plasma Cutters
Experienced
Familiar
No experience
29. Please indicate your level of skill with Welding Equipment: Other
Experienced
Familiar
No experience
30. Describe "other" type of Welding Equipment listed in question 29 or any related experience in addition to those listed in questions 24 - 28.
31. Please indicate your level of skill with Balance and Alignment: Laser
Experienced
Familiar
No experience
32. Please indicate your level of skill with Balance and Alignment: Dial Indicator
Experienced
Familiar

- No experience
33. Please indicate your level of skill with Balance and Alignment: Static Balance
Experienced
Familiar
No experience
34. Please indicate your level of skill with Balance and Alignment: Dynamic Balance
Experienced
Familiar
No experience
35. Please indicate your level of skill with Balance and Alignment: Other
Experienced
Familiar
No experience
36. Describe "other" type of Balance and Alignment listed in question 35 or any related experience in addition to those listed in questions 31 - 34.
37. Please indicate your level of skill with Safety: Lockout/Tagout
Experienced
Familiar
No experience
38. Please indicate your level of skill with Safety: Confined Space Entry
Experienced
Familiar
No experience
39. Please indicate your level of skill with Safety: Hazardous Materials
Experienced
Familiar
No experience
40. Please indicate your level of skill with Safety: Welding Safety
Experienced
Familiar
No experience
41. Please indicate your level of skill with Safety: Rigging
Experience
Familiar
No experience
42. Please indicate your level of skill with Safety: Personal Protective Equipment
Experienced
Familiar
No experience
43. Please indicate your level of skill with Safety: Other
Experienced
Familiar
No experience
44. Describe "other" type of Safety listed in question 43 or any related experience in addition to those listed in questions 37 - 42.