

SALARY	\$50.50 - \$71.07 Hourly	LOCATION	Roseville
JOB TYPE	Full-Time Regular	JOB NUMBER	202300181
DEPARTMENT	Electric	DIVISION	ELE Power Plant Maintenance
OPENING DATE	10/05/2023	CLOSING DATE	10/26/2023 11:59 PM Pacific
BARGAINING UNIT	International Brotherhood of Electrical Workers		

Description

POWER PLANT MECHANIC Energize Your Career!



Join the City of Roseville's Electric Power Plant Maintenance team and help us ensure an exceptional customer service experience for all stakeholders!

The successful candidate is a creative problem solver with the ability to offer technical solutions in spur-of-the-moment and dynamic situations and is skilled in mechanical work in the operation, maintenance, and repair of electric utility power plant engines and equipment. The position performs professional work related to corrective and preventative maintenance on gas and steam turbines, generators, compressors, and electric utility equipment.

*Why **choose** to come work for the City of Roseville?* The City of Roseville organization continues our commitment to pave the way for our reputation of the City as one of the best places to reside in the United States and our passion for providing City residents a quality of life unmatched. Be a part of these revolutionary changes and come work for a City that has, once again, been named one of the best places to live in the nation!

What the City of Roseville Offers:

- **\$117,903 to 158,002 annual salary**
- **Opportunities to Learn and Promote**
- **Competitive vacation and sick leave programs**
- **10 paid holidays and 2 floating holidays annually**
- **Up to 45 hours of personal leave, in addition to vacation time**
- **Bilingual pay opportunity**
- **Health and welfare benefits, with City contributions of up to \$2,020 per month**

- **And much more!**

The current vacancy is a regular, benefitted, and full-time position; however, the employment list that will be established from this recruitment may be utilized to fill future regular and limited-term vacancies in the City for the duration of the list.

DEFINITION

To perform skilled mechanical work related to the operation, maintenance, and repair of electric utility power plant engines and mechanical equipment; to maintain the power plant automated maintenance management system; and to maintain a parts/supplies inventory to ensure adequate materials to meet needs.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Power Plant Operations and Maintenance Supervisor; may receive technical and/or functional supervision from the Power Plant Engineer. May provide technical supervision to technical staff, as appropriate.

Examples of Duties

Duties may include, but are not limited to, the following:

- Perform corrective and preventive maintenance on power plant equipment such as gas turbine engines, steam turbines, diesel engines, generators, heat recovery steam generators, gas compressors, air compressors, motors, pumps and related electric utility equipment.
- Recognize, identify and correct problems on rotating equipment, boilers and auxiliary equipment; make recommendations related to the repair or replacement of defective mechanical and electrical equipment.
- Conduct equipment vibration analysis on electric systems and pumps; take and analyze oil samples and maintain adequate fluid levels; inspect system for leaks, broken, or worn parts and correct or replace as needed; monitor and check converters related to boiler feed water pumps and ensure consistency/uniformity of fittings and connections.
- Plan and coordinate with City staff, contractors, vendors, or consultants regarding complex and/or large maintenance projects; use automated design/drafting programs to prepare related layout drawings.
- Prepare work orders and other documentation for required work permits especially as related to working with live/active equipment and systems.
- Maintain a parts/supplies inventory to ensure adequate materials to meet needs; request parts and supplies to perform work; receive, unload and safely store parts and supplies at the plant.
- Prepare documentation and reports and maintain logs and records related to work performed, supplies used and other plant mechanical control and operational matters.
- Make recommendations regarding plant operating efficiency; perform routine housekeeping tasks to ensure a safe work environment, as needed.
- May perform specialized welding tasks and/or recommend contracting for such tasks.
- Build and maintain positive working relationships with co-workers, other City employees and the public using principles of good customer service.
- Perform related duties as assigned.

Minimum Qualifications

Knowledge of:

- Principles and practices of the maintenance and repair of mechanical and electrical systems.
- Electric utility operations and procedures
- Methods, procedures, materials and tools used in the maintenance and repair of equipment used in an electric utility.
- Pertinent local, State and Federal rules, regulations and laws, especially as related to working in an electric power plant.
- Modern office procedures and computer equipment, including computer aided design (CAD).
- Safe work practices.
- Department policies and procedures.

- Principles and procedures of record keeping.

Ability to:

- Independently perform skilled mechanical work related to the operation, maintenance, and repair of electric utility power plant engines and mechanical equipment.
- On a continuous basis, know and understand operations, and observe safety rules; intermittently analyze problem equipment; identify and locate equipment; interpret work orders; remember equipment location; and explain jobs to others.
- Intermittently, sit while studying or preparing reports; reach, bend, squat, climb, kneel and twist when repairing or working on equipment; climb ladders/stairs and work at considerable heights up to 80 feet; perform simple and power grasping, pushing, pulling, and fine manipulation; and lift or carry weight of 50 pounds or less.
- Identify mechanical and equipment system problems and recommend and/or take appropriate actions; read and interpret gages and recording devices related to combined cycle power plant operations.
- Use equipment and tools appropriate to the repair and maintenance of an electric utility power plant.
- Read and interpret a variety of written materials including operating and maintenance instructions, procedures manuals, blueprints and drawings, equipment specifications, and vendor service manuals.
- Prepare written reports and correspondence; maintain files and records related to maintenance activities.
- Work assigned shift schedules; be available for call-back and on-call assignment.
- Work unusual and prolonged work schedules during emergencies, seasonally-caused circumstances in varying weather and temperature conditions.
- Communicate clearly and concisely, both orally and in writing
- Establish and maintain effective working relationships with those contacted in the course of work.

Experience and Training

Experience:

- Two years of responsible experience performing maintenance and repair of mechanical, electrical and rotating equipment in an industrial processing plant environment such as an electric utility, chemical plant, or oil refinery.

AND

Training:

- Equivalent to completion of the twelfth (12th) grade, GED, or higher level degree. Additional specialized trades training related to mechanical and electrical rotating equipment is desirable.

AND

License and Certificate

- Possession of a valid California driver's license by date of appointment.

Supplemental Information

The City of Roseville is committed to a diverse workforce. We are engaged in understanding the needs and backgrounds of our colleagues and those we serve. Our organization is unified in this commitment, as we believe this produces the best results for our community.

ADDITIONAL INFORMATION:

- Detailed information on the City of Roseville recruitment practices can be reviewed on the [Frequently Asked Questions](#) page.
- The City of Roseville defines "accredited college or university" as an institution of higher learning and must be listed on the United States Department of Education Database of Accredited Post-Secondary Institutions and Programs website <http://ope.ed.gov/accreditation>.

- Credits earned from colleges, universities, and institutions listed as an accredited institution on this website will be considered as part of the educational component of the minimum qualifications for a classification.

The following options apply to the evaluation of college degrees from countries outside the United States:

- Educational background from a foreign country may be evaluated by an accredited United States college or university listed on the U.S. Department of Education Database of Accredited Post-Secondary Institutions and Programs website.
- Verification of degree equivalency may be obtained from organizations that provide foreign education credential evaluation services. The City of Roseville will accept verification from any of the listed member agencies found at www.naces.org or www.aice-eval.org.
- A copy of the foreign credential evaluation verification can be attached to the employment application.
- If you are offered a position with the City of Roseville, as a part of the pre-employment steps, applicants must provide a foreign degree credential equivalency certificate from an approved member agency above. Applicants who do not provide verification will be eliminated from further consideration.

SELECTION PROCESS

All candidates meeting the minimum qualifications will have their application scored in a Formula Rate Examination. The applicant's experience and education will be evaluated using a pre-determined formula. Scores from this evaluation will determine applicant ranking and placement on the Employment List. Supplemental questions will be utilized by the department hiring authority to make interview and selection determinations. Final appointment is contingent upon a check of past employment references, passing a City-paid fingerprint check and depending on position applied for a pre-employment medical exam and a drug and alcohol screening test.

THE CITY OF ROSEVILLE IS AN EQUAL OPPORTUNITY EMPLOYER. IF YOU REQUIRE AN ACCOMMODATION DUE TO A DISABILITY, PLEASE CONTACT THE HUMAN RESOURCES DEPARTMENT AT LEAST 5 WORKING DAYS BEFORE A SCHEDULED INTERVIEW/EXAMINATION PROCESS. MEDICAL DISABILITY VERIFICATION MAY BE REQUIRED PRIOR TO ACCOMMODATION.

Agency

City of Roseville (CA)

Address

311 Vernon Street

Roseville, California, 95678

Phone

916-774-5475

Website

<http://www.roseville.ca.us>

Power Plant Mechanic Supplemental Questionnaire

***QUESTION 1**

Your response to the supplemental question 3-5, the applicant's education, training and experience, will be scored using a pre-determined formula. Your responses to these questions must be consistent with your employment application information. This experience must also be described in the "Work Experience" section of this application. Responses to the supplemental questionnaire that are inconsistent from your "Work Experience" section in the application will not be scored. I understand and agree with the above instructions.

☐ Yes I agree

☐ No I do not agree

***QUESTION 2**

Was any of the work experience listed on your application an unpaid internship, or volunteer work? If so, please list below which ones.

***QUESTION 3**

How many years of experience do you possess related to performing maintenance and repair of mechanical, electrical, and rotating equipment in an industrial processing plant environment such as an electric utility, chemical plant, or oil refinery?

- ☐ Less than 2 years of experience
- ☐ 2-4 years of experience
- ☐ 4+ years of experience

***QUESTION 4**

The minimum requirement for this position is the equivalent of completion of the twelfth (12th) grade, GED, or higher level degree. Additional specialized trades training related to mechanical and electrical rotating equipment is desirable.

Do you meet this training requirement?

- ☐ Yes
- ☐ No

***QUESTION 5**

How many years of work experience do you have fabricating/modifying or welding plant equipment?

- ☐ Less than 2 years of experience
- ☐ 2-4 years of experience
- ☐ 4-6 years of experience
- ☐ 6+ years of experience

***QUESTION 6**

Please respond to the following scenario: During the summer peak period one of your facility's two air compressors trips and will not restart. What is your plan and why? Please provide a detailed course of action.

* Required Question