



AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER  
The City of Stamford is an equal opportunity/affirmative action employer  
and strongly encourages the applications of women, minorities, and persons with disabilities

**OPEN COMPETITIVE EXAMINATION No. 24-16**  
**WASTEWATER TREATMENT ELECTRICIAN – WPCA**  
**Hourly Salary Range: \$44.3546 - \$52.3890**

**DUTIES:** Under the general direction of the Executive Director or designee performs highly complex and skilled electrical work in the installation, maintenance, overhaul, repair, and testing of power generating and distribution equipment, rotating equipment and their associated digital and analog controls including micro-processor based controls, devices and systems; utility protective relays and controls; fiber optic cable, terminations and devices; communications and signaling systems; standby and emergency power sources, and other electrical equipment found in wastewater collection and treatment facilities; does related work as required.

**MINIMUM QUALIFICATION REQUIREMENTS:** Graduation from an accredited high or technical school or possession of a high school equivalency diploma, **AND** possession of a valid Connecticut E1 Contractors Electrical License **AND** at least six (6) years of electrical experience in a heavy industrial environment working on electrical distribution and control systems, electrical motors, specialized electrical equipment, switchgear, generators, and large motors **OR** possession of an E-2 Journeyman Electrical License **AND** nine (9) years of the above-listed experience.

**NOTE:** License must be attached at the time of application.

**SPECIAL REQUIREMENT:** At time of appointment, possession of a valid motor vehicle operator’s license.

**SCOPE OF EXAMINATION:** There will not be an examination. Candidates will be evaluated based on education, knowledge, and experience.

**APPLICATION PROCESS:** Interested candidates should submit a completed City of Stamford Employment Application and Application Supplement “24-16” to [hrrecruiting@stamfordct.gov](mailto:hrrecruiting@stamfordct.gov) or mail to 888 Washington Boulevard, Stamford, Connecticut 06904. Applications can be obtained at [www.stamfordct.gov](http://www.stamfordct.gov). This position is Open Until Filled.

**PLEASE NOTE:** All applications **MUST BE COMPLETELY FILLED OUT**, even if submitting a resume, including but not limited to: (1) Position applying for (2) Employment history including dates (month & year) and reasons for leaving a position (“See Attached Resume” is not acceptable) **Applications with missing information will be considered incomplete and will not be processed.** Applications of candidates who do not meet the stated position requirements will not be considered.

*The Human Resources Department provides reasonable accommodation to persons with disabilities in accordance with the Americans with Disabilities Act and its Amendments (ADA/ADAAA). If you need an accommodation in the application or testing process, please contact the Human Resources Division.*

Re-Issued: 05/17/2024

**EMPLOYMENT BENEFITS:**

- Health Plan and Hospitalization
- Paid Vacations and Holidays
- Retirement Plan
- Group Life Insurance
- Sick Leave

**VETERAN’S PREFERENCE:**  
Preferential Points may be given to Eligible Veterans. Check with the Department of Human Resources.

Applications are obtained from and submitted to  
**DEPARTMENT OF HUMAN RESOURCES**  
CITY OF STAMFORD  
888 WASHINGTON BOULEVARD  
STAMFORD, CONNECTICUT 06904  
TELEPHONE (203) 977-4070  
[www.stamfordct.gov](http://www.stamfordct.gov)

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**General Conditions for Job Announcements and Civil Service Information can be viewed at**  
[www.stamfordct.gov](http://www.stamfordct.gov)

**CHANGE OF ADDRESS:**  
It is your responsibility to notify the Department of Human Resources of any Change of Address on your application

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**PERSONNEL COMMISSION**  
Marc Teichman  
Stuart Adelberg  
Lynn Arnow  
Elizabeth Main  
Jaclyn Williams

## City of Stamford

<b>CLASS SPECIFICATION</b>
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**Job Title:** WASTEWATER TREATMENT ELECTRICIAN –WPCA

**Job Summary:** Under the general direction of the Executive Director or designee performs highly complex and skilled electrical work in the installation, maintenance, overhaul, repair, and testing of power generating and distribution equipment, rotating equipment and their associated digital and analog controls including micro-processor-based controls, devices and systems; utility protective relays and controls; fiber optic cable, terminations and devices; communications and signaling systems. standby and emergency power sources, and other electrical equipment found in wastewater collection and treatment facilities; does related work as required

**Supervision Received:** Under the general direction of the Executive Director

**Examples of Duties:**

- Installs, maintains, overhauls and repairs high voltage (480 V– 13.2 KV) power generation and distribution switchgear, protective relays and control wiring, fiber optic cables and devices, and auxiliary equipment Installs and maintains power electrical systems, plant and facility lighting, switchboards and panelboards, electronic surveillance equipment, fire alarm and signaling systems, public address and inter-plant communications, low voltage and line voltage lighting controls and systems.
  - Installs and maintains industrial electrical equipment, electric motors, conventional and solid state control devices and systems for electrical installations and associated electrical equipment. Troubleshoots, maintains, and repairs power, lighting, controls and electronic supervisory systems at the Plant site and pump stations; coordinates these activities with outside vendors as required.
  - Tests circuits for shorts, grounds, open conditions and insulation integrity; makes electrical tests utilizing equipment such as meggers, volt meters, ohm meters, hi-pot, OTDR, scope meters, phase rotation meters, and oscilloscopes; Inspects, cleans, lubricates, and replaces bearing, brushes and auxiliary equipment on large high voltage motors and generators.
  - Cleans and replaces control apparatus and associated equipment on all types of electrical devices, motors, controls, panels and switchboards.
  - Reads and interprets wiring diagrams, schematics, loop diagrams, plans and sketches.
  - Consults with supervisors and/or manufacturers' representatives on difficult repairs and installation of new or modified equipment.
  - Keeps routine work records and utilizes basic computer skills for access to work order and warehouse inventories.
- Performs necessary emergency work outside regular working hours, when required

**Knowledge, Skills and Abilities:**

- Thorough knowledge of the methods, materials, tools and equipment used in the installation, maintenance, testing and repair of transformers, oil, air, vacuum, SF6 circuit breakers and switchgear; meters, protective relays, controls and wiring, electrical equipment used in industrial stations, generating plants, pumping plants, motors and small power generators, electric lighting and wiring installations, switchboards, signaling systems, public address and inter-plant communications systems and other electrical installations and equipment
- Thorough knowledge of the hazards involved and the applicable safety procedures for working on or in proximity to open energized conductors and equipment, including CPR, first aid and pertinent provisions of the OSHA and the National Electric Code related to electrical work.
- Thorough knowledge of the fundamentals of electricity and electronics as related to the installation, maintenance, and repair, of electrical equipment in industrial stations and plants; and to the installation, maintenance and repair of electronic solid-state devices, circuits, wiring and equipment in industrial stations and plants.
- Knowledge of electrical plans, circuit diagrams, loop drawings, and schematics as used in installation and maintenance work.
- Knowledge of internal functioning and connections motors, generators, and other rotating electrical equipment.
- Knowledge of electrical and mechanical characteristics of electrical equipment.
- Ability to wire and repair high and low voltage electrical equipment and systems; ability to use hand and power tools.
- Ability to read and understand blueprints and schematic drawings.
- Ability to follow written and oral directions.

**Minimum Qualifications:** Graduation from an accredited high or technical school or possession of a high school equivalency diploma, **AND** possession of a valid Connecticut E1 Contractors Electrical License **AND** at least six (6) years of electrical experience in a heavy industrial environment working on electrical distribution and control systems, electrical motors, specialized electrical equipment, switchgear, generators, and large motors **OR** possession of an E-2 Journeyman Electrical License **AND** nine (9) years of the above-listed experience.

NOTE: License must be attached at the time of application.

SPECIAL REQUIREMENT: At time of appointment, possession of a valid motor vehicle operator's license.



Human Resources Division  
888 Washington Boulevard  
P.O. Box 10152  
Stamford, CT 06904-2152  
Tel. (203) 977-4070

# APPLICATION FOR EXAMINATION OR EMPLOYMENT

\_\_\_\_\_  
Position applying for  
Use Title on Job Announcement

\_\_\_\_\_  
Exam Number

DO NOT WRITE IN THIS SPACE

☐ Q  
☐ NQ  
☐ Educ \_\_\_\_\_  
☐ Exp \_\_\_\_\_  
☐ Not City EE  
☐ Other \_\_\_\_\_

Reviewer

PLEASE TYPE OR PRINT CLEARLY

All blanks must be completed in order for application to be considered

Please note that the information you provide on this application/examination will be used to determine if you are qualified for further consideration in the position in which you are applying. Failure to provide adequate or detailed information necessary to determine your qualifications may result in you being disqualified for a position. There may also be a supplement to this application for the position for which you are applying. Please make sure you submit ALL required materials.

## GENERAL INFORMATION

Name \_\_\_\_\_  
(Last) (First) (Middle)

Address \_\_\_\_\_  
(Street/apt #) (City) (State) (Zip Code)

Home Telephone \_\_\_\_\_ Work Telephone \_\_\_\_\_  
(Area Code) (Area Code)

Cell Phone \_\_\_\_\_ Email Address \_\_\_\_\_  
(Area Code)

Social Security Number (Last 6 digits) XXX \_\_\_\_\_

Do you claim 5 points preference based on active duty in the US Armed Forces? ☐ Yes ☐ No

Do you claim 10 points preference based on veteran's disability? ☐ Yes ☐ No

Are you related to anyone currently employed by the City of Stamford? ☐ Yes ☐ No

If yes, name, and job title or department

Name \_\_\_\_\_

Job Title or Dept. \_\_\_\_\_

Are you requesting City of Stamford Residency Points? Yes No

## RECORD OF EDUCATION

TYPE OF SCHOOL	NAME OF SCHOOL AND CITY/STATE	DATES ATTENDED	COURSE OF STUDY (Major/Minor)	GRADUATED (Yes/No)	DEGREE, DIPLOMA, G.E.D., AND CERTIFICATE OR CREDITS COMPLETED
HIGH SCHOOL					
COLLEGE OR UNIVERSITY					
COLLEGE OR UNIVERSITY					
COLLEGE OR UNIVERSITY					

Other Training/Certifications (special courses, work training programs, armed forces training) related to the job for which you are applying. Give name and location where training was given, dates attended, subject to training, number of hours weekly and other details.

Summarize any other Special skills or Abilities relating to the job you are applying for, such as licenses, machines you operate, languages you speak, read and write well, computer skills and any other special abilities or knowledge.

## EMPLOYMENT HISTORY

List below **ALL** present and past employment. **BEGIN WITH YOUR MOST RECENT EMPLOYMENT AND WORK BACKWARDS CONSECUTIVELY.** Applicants may be required to furnish satisfactory proof of employment history claimed. Use additional pages if necessary. Resumes may be included with a **completed application**.

Name of Employer \_\_\_\_\_ Dates of Employment \_\_\_\_\_

**From/To**

Employer Address \_\_\_\_\_ #of hour per week \_\_\_\_\_

Your most recent position (Title) \_\_\_\_\_

Supervisor's Name \_\_\_\_\_ Reason for leaving \_\_\_\_\_

Describe your duties: (please provide detail sufficient for the examiner to determine if you meet the requirements of the job for which you are applying).

Name of Employer \_\_\_\_\_ Dates of Employment \_\_\_\_\_

**From/To**

Employer Address \_\_\_\_\_ #of hour per week \_\_\_\_\_

Your most recent position (Title) \_\_\_\_\_

Supervisor's Name \_\_\_\_\_ Reason for leaving \_\_\_\_\_

Describe your duties: (please provide detail sufficient for the examiner to determine if you meet the requirements of the job for which you are applying).

Name of Employer _____	Dates of Employment _____
	<b>From/To</b>
Employer Address _____	#of hour per week _____
Your most recent position (Title) _____	
Supervisor's Name _____	Reason for leaving _____
Describe your duties: (please provide detail sufficient for the examiner to determine if you meet the requirements of the job for which you are applying).	

Name of Employer _____	Dates of Employment _____
	<b>From/To</b>
Employer Address _____	#of hour per week _____
Your most recent position (Title) _____	
Supervisor's Name _____	Reason for leaving _____
Describe your duties: (please provide detail sufficient for the examiner to determine if you meet the requirements of the job for which you are applying).	

Do you have any objections to the Human Resources Division verifying your work experience and/or educational qualifications?

- |                           |                          |     |                          |    |
|---------------------------|--------------------------|-----|--------------------------|----|
| A. Your former employer?  | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| B. Your present employer? | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |

I hereby authorize the City of Stamford to verify my work experience and/or educational qualifications.

Applicant's Signature \_\_\_\_\_

## COMMENTS

**ADA ACCOMMODATIONS IN TESTING:** The City of Stamford provides reasonable accommodations for individuals with a disability during the application, examination, interview, and employment. If you need reasonable accommodation, check the box below and attach a written description of the accommodation sought. Medical documentation may be required.

I require accommodation as outlined in the attachment.

**RELIGIOUS ACCOMMODATION:** Most written tests are held on Saturdays. If you cannot take the test on the announced test day due to a conflict with a religious observation or practice, check the box below and submit attach an Accommodation request by the Last Date to File.

I cannot be tested on the scheduled examination date due to a conflict with a religious observance or practice.

**OTHER ACCOMMODATIONS NEEDED:** If you require accommodation for reasons other than religious or disability, check the box below and attach a written description of the accommodation sought.

I require special accommodation to take this examination.

\* Documentation may be requested to support accommodation requests\*

## PRE-EMPLOYMENT STATEMENT (Read Carefully)

I certify that all statements made on or in connection with this application are true, complete, and correct to the best of my knowledge and belief. I understand that incomplete, false, inaccurate, or misleading information given in my application, interview(s) or during the course of my employment may result in the rejection of this application; withdrawal of a job offer; or discipline, up to and including termination of employment. Further, false information provided, whether willingly or accidental, may result in my immediate dismissal if employed, whenever the omission or falsehood is discovered.

I understand that this application is not a contract of employment nor is it a guarantee or indication of employment. I also understand that should I be granted an interview, the representations that may be made at the interview are not to be construed as creating any obligation, promise or contract on behalf of the City. Should I be employed by the City, in consideration of my employment, I agree to conform to the rules and policies of the City of Stamford, as they may from time to time be implemented or revised. Identification and verification of eligibility to work in the United States must be satisfied for employment.

I further understand that in consideration for employment, an investigative background report may be prepared at the request of the City of Stamford by an independent party, whereby information may be obtained from my employers (present or former), educational institutions, all branches of the U.S. Military service, and public records maintained by government agencies or others, including but not limited to criminal conviction reports, credit reports, etc. I authorize the City of Stamford and its designated representative(s) to perform this investigation, and further authorize present and former employers, references and other persons to provide information for the investigation. I also authorize the City of Stamford to receive criminal conviction records pertaining to me which may be in the files of any criminal justice agency.

I understand that acceptance for employment shall depend on satisfactory replies from my references and other background checks. In the event I receive a job offer, I also understand that I will be subject to a drug test and medical examination that I must pass before I commence work.

I have read, understood, and agree to the foregoing. I hereby authorize the City of Stamford to verify my work experience and/or qualifications

Applicant's Signature \_\_\_\_\_



# APPLICANT DISCLOSURE FORM

## CANDIDATE INFORMATION

It is the policy of the City of Stamford to recruit, hire and promote qualified people in all job classification regardless of age, race, sex, color, religion, national origin, marital status, veteran status or disability unless they are bona-fide occupational qualifications.

The following information is needed for compliance with governmental report requirements. While completion of this section is voluntary, we strongly urge that all applicants complete this as part of the pre-employment process. Applicants so choosing, may identify on the form that have chosen not to provide the City of Stamford with the requested information by checking the appropriate box in section four. This information will not affect in any way your employment opportunities.

## GENERAL INFORMATION

Your Name \_\_\_\_\_

Date \_\_\_\_\_

Social Security Number (Last 6 digits) XXX \_\_\_\_\_

## STATISTICAL INFORMATION

### Race/Ethnic Identification (Please check one)

American Indian or Alaska Native ☐

All persons having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.

Asian ☐

All persons having origins in any of the original peoples of Far East, Southeast Asia, or the Indian Subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand and Vietnam.

Black or African American ☐

(Not Hispanic or Latino origin). All persons having origins in any of the black racial groups of Africa.

Hispanic or Latino ☐

☐ All persons of Cuban, Mexican, Puerto Rican, Central or South America, or other Spanish culture or origin, regardless of race.

Native Hawaiian or Other Pacific Islander ☐

All persons having origins in any of the original peoples of Hawaii, Guam, Samoa, or Pacific Islands.

White ☐

(Not Hispanic or Latino origin). All persons having origins in any of the original peoples of Europe, the Middle East or North America.

Other ☐

Please Specify:

### Job Classification

Please write the title of the position for which you are applying in the box above, using the title of Job Announcement.

### Gender

Female ☐

Male ☐

## NON-PARTICIPATION

I have read the above statement and have chosen not to complete this form.

☐

(Please check box if applicable)

## RECRUITING INFORMATION

### How did you hear about this job? (Please check one)

☐ Stamford Advocate

☐ Other newspaper:

Please give name \_\_\_\_\_

☐ City Website

☐ Internet

Please give name \_\_\_\_\_

☐ City Employee

☐ Human Resources Division Bulletin Board

☐ Community Agency

Please give name \_\_\_\_\_

☐ Professional journal \_\_\_\_\_

☐ Other: Please specify \_\_\_\_\_

**WASTEWATER TREATMENT ELECTRICIAN – WPCA  
(Water Pollution Control Authority)**

**APPLICATION SUPPLEMENT**

**EXPERIENCE AND TRAINING EXAMINATION**

NAME\_\_\_\_\_

SOCIAL SECURITY NO\_\_\_\_\_ 000 - \_\_\_\_\_ - \_\_\_\_\_

For this examination, you will be filling out specific information about your education, training and experience. The information which you provide will be used to find out how well your background qualifies you for this position. You **MUST** fill out this examination booklet completely in order to take part in this examination. **THIS BOOKLET IS AN EXAMINATION.**

On the pages which follow, you will be asked to supply factual information about your education and training and about the duties, responsibilities and accomplishments that are associated with jobs, which helped you qualify for the position for which you are applying. Your education, training and experience will be scored according to how closely they relate to the various job components or factors of the position of *Wastewater Treatment Electrician – WPCA*. Your score will be based only on what you include in this examination. Incomplete or illegible applications/supplements will be rejected.

This examination booklet and a completed “Application for Examination or Employment” must be filed with the Human Resources Division by the last filing date. Information submitted after the last filing date will not be considered.

**AN EOE/AA EMPLOYER**

## **PART I. SUMMARY OF EDUCATION, EXPERIENCE AND REGISTRATION**

Resumes **will not** serve in lieu of this supplement; however, you may attach a copy of your resume to compliment your application package. Please note that applicants who do not meet the minimum qualifications for *Wastewater Treatment Electrician – WPCA* will be disqualified. Applicants are urged to carefully review the requirements before filing an application.

### **A. EDUCATION:**

1. Did you graduate from an accredited high school or obtained a GED?

Yes\_\_\_\_\_

No\_\_\_\_\_

2. Did you graduate from a vocational/technical (high) school?

Yes\_\_\_\_\_

No\_\_\_\_\_

Name of School\_\_\_\_\_

Field of Study\_\_\_\_\_

### **B. LICENSE:**

1. Do you possess a valid Connecticut E1 Contractor's electrical license? If so, please attach a legible copy to this application.

Yes\_\_\_\_\_

No\_\_\_\_\_

2. Do you possess a valid Connecticut E2 Journeyman electrical license? If so, please attach a legible copy to this application.

Yes\_\_\_\_\_

No\_\_\_\_\_

### **C. EXPERIENCE:**

1. Do you have experience as a licensed contractor's electrician?

Yes\_\_\_\_\_

No\_\_\_\_\_

No. of Years \_\_\_\_\_

2. Do you have experience as a licensed journeyman electrician?

Yes\_\_\_\_\_

No\_\_\_\_\_

No. of Years \_\_\_\_\_

3. Do you have experience of the fundamentals of electricity and electronics as related to the installation, maintenance, and repair of electrical equipment in **industrial stations and /or plants?**

Yes\_\_\_\_\_

No\_\_\_\_\_

No. of Years \_\_\_\_\_

**D. PART III. EXPERIENCE, KNOWLEDGE & SKILLS**

- A. Do you have experience, knowledge and /or skills in one of the following areas?  
Check the appropriate area.

- a. 480 V – 13.2KV or higher equipment \_\_\_\_\_
- b. Three-Phase electrical systems \_\_\_\_\_
- c. Industrial grade electrical systems  
(including explosion proof requirements) \_\_\_\_\_
- d. Large horsepower (> 75) motors and/or  
generators \_\_\_\_\_
- e. Circuit testing of distribution switchgear \_\_\_\_\_
- f. Multitrodes \_\_\_\_\_
- g. VFD devices \_\_\_\_\_
- h. Digital and analog controls \_\_\_\_\_
- i. Utility protective relays and controls \_\_\_\_\_
- j. Instrumentation \_\_\_\_\_
- k. Interpreting electrical engineering drawings \_\_\_\_\_
- l. Conformance to electrical and building codes \_\_\_\_\_

### **PART III. EXPERIENCE KNOWLEDGE & SKILLS (cont'd)**

B. If you checked any letter in **question # 4**, give dates and describe in detail your knowledge, skills and experience (*Be sure to place the corresponding letter with your answer*).

[illegible]

**PART III. EXPERIENCE, KNOWLEDGE & SKILLS (cont'd)**

[illegible]

**PART III.     EXPERIENCE, KNOWLEDGE & SKILLS (cont'd)**

Please follow column headings completely. Attach additional copies of this page if required.

C. Describe any other electrical experience not listed prior.

<b>DATES &amp; NO. HRS. PER WEEK</b>	<b>IDENTIFY EMPLOYER AND TITLE OF SUPERVISOR</b>	<b>YOUR JOB TITLE &amp; DUTIES</b>