

**CLARK COUNTY**

Department of Human Resources
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**INVITES APPLICATIONS FOR THE POSITION OF:
FIRE PROTECTION ENGINEER**

Department Name: Building & Fire Prevention Bureau
Exam Number: 13668

SALARY

\$77,022.40 - \$119,371.20 Annually

OPENING DATE: 07/14/17

CLOSING DATE: Continuous

ABOUT THE POSITION:

This position serves as the technical and consultive expert to the Building & Fire Prevention Bureau in reviewing plans, performing inspections, ensuring code adherence, providing technical expertise in hazardous materials response and determining that buildings and facilities within County jurisdiction meet life and fire safety and hazardous occupancy requirements; performs professional level engineering planning, research, design and inspection for a variety of construction, remodeling and major repair projects of County buildings and public facilities.

The successful candidate will start at the minimum of the salary range.

This examination will establish an Open Competitive and Promotional list to fill current and/or future vacancies that may occur within the next six (6) months or may be extended as needed by the Office of Human Resources.

MINIMUM REQUIREMENTS

Education and Experience: Equivalent to a Bachelor's Degree in an applicable engineering discipline AND four (4) years of full-time professional level design, plan check and inspection work in the fire and life safety specialty discipline.

Qualifying education and experience must be clearly documented in the "Education" and "Work Experience" sections of the application. Do not substitute a resume for your application or write "see attached resume" on your application.

Working Conditions: Work with potential exposure to hazards at various construction sites or facilities.

Licensing and Certification: Must possess valid registration as a professional Fire Protection Engineer from any state recognized by the NCEE at time of application. Must possess a valid Nevada Class C driver's license at time of appointment.

Applications submitted without the required certification license Type, Number, Issued By, Date Issued, and Date Expired information listed in the 'Certificates & Licenses' section of the

application will not be considered. All information listed in the 'Certificates & Licenses' section of your application must be valid and verifiable. Please Note, you are not required to hand deliver, mail, or fax your certification/license to Human Resources. Also, you are not required to attach a copy of your certification/license to your electronic application.

EXAMPLES OF DUTIES

Confers with County staff regarding both County physical facility project requirements and private building requirements, including fire and life safety access and protection, hazardous occupancies, code requirements and related matters.

Provides technical expertise of a consultive nature to County plan checkers, engineers, fire and building inspectors and other County staff.

Reviews plans and other written documentation for new construction, modifications and retrofitting for fire and life safety systems and hazardous occupancy requirements; ensures that plans meet federal, state and local codes and regulations; makes recommendations for materials and equipment alternatives to meet codes and regulations.

Performs field inspections and witnesses tests and tests of new and existing fire protection, hazardous materials and similar systems and equipment for code and specification adherence and proper operation.

Provides information regarding fire, life safety and hazardous materials issues to contractors developers, engineers, architects and the public; responds to and resolves public complaints regarding issues in areas of expertise.

Responds to emergencies and provides fire protection/hazardous materials knowledge and expertise in order to mitigate the incident.

Develops standard operating procedures, operating manuals, training programs and technical documentation for plan checking, building inspection, fire inspection and fire suppression staff; provides information to other County departments and local agencies regarding fire, life safety and hazardous materials issues.

Monitors developments in the construction field, including building materials, construction techniques and code and regulation changes; evaluates their effect upon County activities; makes code, regulation and procedural recommendations.

Conducts technical training/exercises in fire protection/hazardous materials matters.

Contributes to the efficiency and effectiveness of the unit's service to its customers by offering suggestions and directing or participating as an active member of a work team.

Maintains accurate records; prepares a variety of periodic and special reports, correspondence and other written materials.

Drives a personal or County motor vehicle to attend meetings and inspect various building and facility sites. Uses standard office equipment, including a computer terminal, in the course of the work. May direct the work of staff or professional service contractors on a project basis.

PHYSICAL DEMANDS

Mobility to work in a typical office setting, use standard office equipment and to drive a motor vehicle in order to visit work sites; strength and stamina to inspect various projects and facilities, often in inaccessible areas; vision to read printed materials and a computer screen;

and hearing and speech to communicate in person or over the telephone. Accommodation may be made for some of these physical demands for otherwise qualified individuals who require and request such accommodation.

An Equal Opportunity Employer

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FIRE PROTECTION ENGINEER Supplemental Questionnaire

* 1. **I understand that:**

A) My answers to these supplemental questions will be reviewed and scored by subject matter experts;

B) Examination scores may be used to select candidates for interviews;

C) The education and experience cited in my answers to these supplemental questions must be clearly documented in the "Education" and "Work Experience" sections of the application;

D) I must complete these supplemental questions, in my own words, in order for my application to be evaluated;

E) "See Resume" is not a substitute for any of the required information, and in fact my resume will not be used to evaluate my application or supplemental assessment;

F) Language copied word-for-word from a job description or job posting will not be evaluated;

G) I may be called upon to demonstrate my expertise, in a work situation, as part of the selection process.

I have read and understand the above information regarding completion of the following supplemental questions.

* 2. This position requires a valid registration as a professional Fire Protection Engineer from any state recognized by the NCEE at time of application. Applications submitted without the required certification/license Type, Number, Issued By, Date Issued, and Date Expired information listed in the 'Certificates & Licenses' section of the application will not be considered. All information listed in the 'Certificates & Licenses' section of your application must be valid and verifiable. Please Note, you are not required to hand deliver, mail, or fax your certification/license to Human Resources. Also, you are not required to attach a copy of your certification/license to your electronic application.

I acknowledge that I understand the aforementioned requirements.

3. Do you possess a valid registration as a professional Fire Protection Engineer?

Yes No

* 4. If you answered yes to the previous question, which state are registered in? If no, please type N/A and understand you will not be qualified for this position.

* 5. List all degrees received that are directly related to the position (see template below).

College/University:

Did you graduate:

College Major/Minor:

Units Completed:

Degree Received:

* 6. List all current and valid professional certifications relevant to this position. Include in your response the name of the agency or institution administering the certification.

* 7. **Describe in detail your professional experience working with Fire and Life Safety Systems and or Fire Code Design, e.g. fire sprinkler systems, fire alarm systems, smoke management systems, hazardous chemical processes and/or storage, etc.** (Max 20 Points)

Complete a separate entry for each employer where your experience was obtained (see template below). Type N/A if you have no related experience.

Employer Name:

Job Title:

Hours Worked Per Week:

Dates of Employment:

Supplemental Question Answer:

* 8. **Describe in detail your professional experience reading and interpreting plans. Include the type of plans, e.g. Fire Safety, Egress, Architecture, Engineering, Smoke Control, etc.** (Max 20 Points)

Complete a separate entry for each employer where your experience was obtained (see template below). Type N/A if you have no related experience.

Employer Name:

Job Title:

Hours Worked Per Week:

Dates of Employment:

Supplemental Question Answer:

* 9. **Describe in detail your professional experience enforcing codes and regulations. Include in your response what type of codes and regulations you enforced.** (Max 10 Points)

Complete a separate entry for each employer where your experience was obtained (see template below). Type N/A if you have no related experience.

Employer Name:

Job Title:

Hours Worked Per Week:

Dates of Employment:

Supplemental Question Answer:

* Required Question