CLARK COUNTY
Department of Human Resources
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INVITES APPLICATIONS FOR THE POSITION OF:
FIRE PROTECTION ENGINEER
Department Name: Building & Fire Prevention
Exam Number: 20691X

SALARY
$40.41 - $62.61 Hourly

OPENING DATE: 12/14/21

ABOUT THE POSITION:

The Clark County Building Department is seeking qualified candidates to apply for the Fire Protection Engineer position. This position serves as the technical and consultive expert for the department to which assigned 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.

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

Human Resources reserves the right to call only the most qualified applicants to the selection process.

MINIMUM REQUIREMENTS

Education and Experience:

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 a valid Nevada Class C driver's license at time of appointment. Must possess valid registration as a professional Fire Protection Engineer from any state recognized by the NCEE at time of application. Within the first year of employment, must be able to obtain a valid certification as a registered Fire Protection Engineer in the state of Nevada.
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.

FIRE PROTECTION ENGINEER Supplemental Questionnaire

* 1. The following questions 1-6 will be used to assist in determining if candidates meet the minimum qualifications. Indicate your full-time professional level design, plan check and inspection work in the fire and life safety specialty discipline.

- No Experience
- Less than 2 years
- 2 to 4 years
- 4 to 6 years
- More than 6 years
* 2. Which describes your highest level of education?
   - High School Diploma or GED
   - Some College (1-29 semester credits)
   - Some College (30-59 semester credits)
   - Some College (60-89 semester credits)
   - Some College (90-120+ semester credits)
   - Associates Degree
   - Bachelor's Degree
   - Master's degree or higher
   - None of the above

3. Please indicate the major of your degree that best qualifies you for this position.

* 4. 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. Do you acknowledge the aforementioned requirements?
   - Yes, I do have a valid registration as a professional Fire Protection Engineer from any state recognized by the NCEE.
   - No, I do not have a valid registration as a professional Fire Protection Engineer from any state recognized by the NCEE.

* 5. 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.

* 6. Do you possess a valid driver's license?
   - Yes
   - No

* 7. I understand that:
   A) Part-time experience must be prorated and credited as half of full-time experience (i.e., if you performed the task for two years in a part-time position, 20 hours per week, you can only credit yourself with one year of experience in that area)
   B) The education, knowledge, and experience levels indicated by my skills assessment responses must be supported and clearly documented in the "Education" and "Work Experience" sections of my application;
   C) Any falsification or misrepresentation of the information listed on the employment application or skills assessment may result in removal from the eligibility list or rescinding a job offer;
   D) Responses to assessment questions that are not supported and clearly documented in the "Education" and "Work Experience" sections on the application may result in question scores being adjusted to receive zero points;
   E) Assessment scores may be used to consider applicants for the selection process;
   F) I further understand that since exam scores will be automatically generated based on the applicant’s response to each item in the assessment, score appeals will not be allowed for this recruitment.
   - Yes, I have read and understand the above information regarding the completion of the following skills assessment questions. I further understand that this recruitment includes a skills assessment and that the answers I provide must be consistent with the "education" and "work history" sections detailed on my application and that scoring appeals will not be allowed for this recruitment.
8. How many years of full-time professional experience do you possess 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.?

- No Experience
- Less than 4 years
- 4 to 8 years
- 8 to 10 years
- 10 to 12 years
- More than 12 years

9. Please list the employer(s) where your experience was obtained in the above question. Type N/A if you have no related experience. See template below. Employer Name: Job Title: Dates of Employment: Hours Worked Per Week:

10. How many years of full-time professional experience do you possess reading and interpreting plans?

- No Experience
- Less than 4 years
- 4 to 8 years
- 8 to 10 years
- 10 to 12 years
- More than 12 years

11. Please select the types of plans you have experience in reading and interpreting as stated in Question 10.

- Architecture
- Egress
- Engineering
- Life Safety
- Smoke Control
- Other
- No Experience

12. How many years of full-time, professional experience do you possess in enforcing codes and regulations?

- No Experience
- Less than 4 years
- 4 to 8 years
- 8 to 10 years
- 10 to 12 years
- More than 12 years

* Required Question