



STATE OF IDAHO
invites applications for the position of:

Licensed Fire Suppression Systems Mechanic

SALARY: \$25.69 - \$33.40 Hourly
DEPARTMENT: Division of Military
OPENING DATE: 12/17/21
CLOSING DATE: Continuous
DESCRIPTION:

STATE OF IDAHO
MILITARY DIVISION
Human Resource Office (HRO)
State Personnel Branch
4794 General Manning Avenue, Building 442
Boise, ID 83705-8112
Telephone: (208) 801-4273

STATE VACANCY ANNOUNCEMENT

Registers established from this announcement may remain valid up to one year to fill vacancies within same classification.

A-M-E-N-D-M-E-N-T

This announcement is amended. The closing date has been extended.

ANNOUNCEMENT NUMBERS and AREAS OF CONSIDERATION:

- a. 21-109-MN: First consideration will be given to current enlisted members (E-7 and below) in the Idaho National Guard.
- b. 21-109-MW: Open to all applicants. If an applicant cannot be selected from the above announcement, then other applicants may be considered (*military membership requirement will be waived*).

POSITION TITLE:	Licensed Fire Suppression Systems Mechanic
PAY GRADE:	NGA-9
POSITION CONTROL NUMBER:	5124
CLASS CODE:	22731
SALARY:	\$25.69 to \$33.40 hourly (\$53,433 to \$69,462 annually)
FLSA CODE:	Covered
DUTY LOCATION:	Military Division, Idaho Air National Guard, 124 Civil Engineer Squadron, Gowen Field, Boise, ID,
TYPE OF POSITION:	Military Nonclassified; Army or Air; Enlisted; Military Waived if selected under Announcement# 21-109-MW

COMPATIBLE MILITARY FIELD:	Not Applicable
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JOB TITLE: LICENSED FIRE SUPPRESSION SYSTEMS MECHANIC
POSITION CONTROL NUMBER: 5124
CLASS CODE NUMBER: 22731
SALARY GRADE: NGA-9

INTRODUCTION: This position is assigned to Base Civil Engineering (BCE) Shop, 124 Civil Engineer Squadron (CES), Idaho Air National Guard (IDANG) functioning within the State of Idaho – Military Division. The primary purpose of this position is to provide technical mechanical maintenance and minor construction services for the fire suppression systems and related equipment within the Idaho Air National Guard Facilities. This position will oversee plumbing contractors' work and provide general plumbing maintenance and minor construction services in all trades. Incumbent functions as a supervisor or non-supervisory work leader within the related utilities section of the 124th Civil Engineering Squadron.

EXAMPLE OF DUTIES:

DUTIES AND RESPONSIBILITIES:

1. Inspects, maintains and repairs fire sprinkler systems, including wet pipe, dry pipe, pre-action, and deluge, and associated parts such as fire alarm valves, switches, pumps, air compressors, and other related equipment, to include AFFF (Firefighting Aqueous Film Forming Foam) and HEF (High-Expansion Foam) system components. Interprets blueprints, wiring diagrams, and other technical material covering electrical, mechanical, and control devices in alarm and sprinkler systems. Lays out work and determines tools, parts and supplies needed. Installs and connects to power source, air compressors, excess pressure pumps, and pressure switches. Selects and installs sprinkler heads and alarm sensors for specific conditions, etc. Installs alarm check valve and associated equipment including fire department pumped connection, local water flow alarm devices, air compressor or excess pressure pumps, and underground water connection to the water main and post indicator valve. Cuts threads and fits pipe, places hanging and bracing pipes to prevent excessive movement. Installs, adjusts and repairs air compressors, excess pressure pumps, pressure switches and other hydro-pneumatic components. Devises adaptations. Works with pressures up to 250 psi (pounds per square inch) and various schedules of piping requiring different techniques to assemble. Provides technical advice concerning plans for new or modified systems or components and evaluation of system requirements and capabilities. Tests systems for operability using visual inspection, pressure checks, exhaust test, flow tests, trips tests, etc. Inspects systems by removing and examining valves, pumps, sensors, sprinkler heads, and air compressor tanks. Repairs and cleans valves. Performs preventive maintenance utilizing United Facilities Criteria 3-601-02, Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems manual, NFPA (National Fire Protection Association) standards, codes, and manufacturer's guidance. Flushes systems to identify blockages and verify system integrity. Winterizes and de-winterizes sprinkler systems. Resets control valves and alarms. Responds to emergency work requests from the Fire Department. Completes related paperwork. Provides knowledge to plumbers, fire fighters, and occasionally estimators and inspectors on principles of operation. Tests and maintains Fire Hydrants to include documentation and reporting information to Gowen Field Fire Department. Performs all duties in accordance with UFC 3-601-02, NFPA Standards, codes and manufacturer's guidance. Communicates and maintains working relationship with the State Fire Marshal.

2. Responsible for overseeing mechanical preventative maintenance throughout the State of Idaho Air Guard Military Division area of responsibility. Oversees safety applications and monitors all safety procedures and practices utilized by OSHA (Occupational Safety and Health Administration) and the State of Idaho Military Division. Oversees military construction, Operations and Maintenance projects including repair, modification, and modernization.

Maintains trade related tools and equipment. Tests, maintains and reports proper documentation on back flow devices.

3. Installs and maintains general plumbing fixtures. Projects include replacement of fixtures, tearing out fixtures, drinking fountains, hot water heaters, sump pumps, underground irrigation systems, etc. Plans and lays out work according to rough sketches or verbal instructions. Installs and repairs domestic electric and natural gas water heaters. Troubleshoots and replaces wiring to water heaters. Works on threaded ferrous and brass pipe, copper sweat type, and plastic threaded and solvent weld type. Replaces leaking lines, worn out pipe and fittings, plumbing fixtures, hot water heaters, etc. Removes and replaces pipe and tank insulation. Tests systems and equipment for proper operations. Repairs and maintains eye wash stations, faucets, valves, and traps, clears stopped drains, checks relief valves, etc. Coordinates with other shops to maintain related systems.

4. Interprets mechanical blueprints, engineering and architectural drawings and project specifications; recognizes standard symbols used in design; performs material take-off and prepares bill of materials, estimates labor requirements; applies knowledge of industry standards and codes to prepare layouts, sketches and technical plans. Accurately estimates time and materials.

5. Supervisory duties. Performs established supervisory functions and practices pertaining to full-time and temporary state employees in accordance with Idaho Military Division State Employee Personnel Regulations (IMD 3) and applicable policies and procedures. Establishes state employee performance standards; provides ongoing feedback and performance counseling; appraises performance not less than annually; and recommends corrective or disciplinary action when appropriate. Assigns and monitors the accomplishment of work.

Coordinates personnel and position action requests (SPB Form 7), vacancy announcements, selection and hiring; employee training and development; and approves employee scheduling, leave and timesheets. Promotes a respectful workplace that complies with policies of the Adjutant General. Observes and ensures compliance with all applicable laws, rules, regulations and policies and serves as a role model for the Whistleblower Protection Program, EEO, security, and workplace safety practices, policies, and regulations at all times. Maintains a safe and drug/alcohol free workplace. Establishes training plan and budget for assigned employees.

6. Performs snow removal duties as needed to include the operation of large equipment, such as snow blowers, snow plows, dump trucks, shovels and spreading deicer materials. May perform seasonal groundskeeping duties as necessary or assigned. May be required to perform work outside of normal duty hours, be called out for emergencies and be on call as needed.

7. Works within a relatively small group of maintenance personnel of all trades and will be required to assist craftsmen in their trades and/or independently perform work with other trades such as carpentry repairs, floor tile, bath tile, panels, and etcetera.

8. Performs other related duties and projects as necessary or assigned.

SUPERVISORY CONTROLS: Work is performed the supervision and direction of the State Maintenance Operations Manager. The incumbent is expected to perform duties on own initiative using applicable regulations, policies and procedures for technical guidance, and consult with the supervisor for significant deviations from standard practices or controversial matters. Work is evaluated in terms of results, accomplished goals, and compliance with established guidelines and regulations.

PERSONAL WORK CONTACTS: The incumbent's contacts are with military, state and federal technician personnel of the Idaho Military Division/Idaho National Guard; contractors; employees of other government agencies; and personnel of various activities/units visiting Gowen Field.

The purpose of contacts is to maintain positive working relationships and coordinate all forms of maintenance activities.

WORKING CONDITIONS / PHYSICAL EFFORT: Work is performed both inside and outside in inclement weather, or icy, wet and slippery surfaces and in temperature extremes. Incumbent is subject to the dangers from exposure to high noise levels, high and low voltage as well as heights. Incumbent may be exposed to potentially hazardous chemicals/environments such as

fumes, chemicals, liquid chemicals, solvents or oils and requires a working knowledge of proper industrial hygiene practices. Incumbent will be required to wear employer-provided personal protective equipment (PPE) based on potential exposures. May work irregular hours and days, and be subject to call-back. Physical efforts include climbing, stooping, and standing, bending, stretching and working in tiring and uncomfortable positions. Work requires moderate to strenuous physical exertion. Lifts heavy equipment and components weighing up to 60 pounds unaided. Incumbent's participation as an on-call responder for after hour emergencies is required. Some travel, via all modes of transportation, is required for work and training.

FLSA Overtime Code: C (Covered; time and one-half)

EEOC: F08 (Skilled Craft)

WCC: TBD

DECEMBER 2021

MINIMUM QUALIFICATIONS:

QUALIFICATION REQUIREMENTS

Mandatory Requirements (conditions of employment).

- Must be an enlisted member (E-7 or below) of the Idaho National Guard. *Not applicable for civilian applicants applying under Announcement #21-107-MW.*
- Must have and maintain a valid and unrestricted state issued driver's license (from any state), and meet qualifications for a military driver's license.
- Must have, or be eligible to obtain, and maintain a favorable T3 (SECRET) Federal Background Investigation. If a selected candidate does not have a current favorable T3, as a condition of employment he/she must submit to the investigation process immediately upon hire/appointment. *(At a minimum, a favorable suitability determination by the State Security Manager is required prior to appointment into this position.)*
- Must have and maintain one of the following licenses: a current Idaho Fire Protection Sprinkler Fitters License or Fire Protection Sprinkler Contractor License.
- Must have or willing to obtain the following certifications within 12 months of appointment/hire.
 - NFPA-20 Stationary pumps for fire protection certification.
 - NFPA-25 Inspection, Testing and Maintenance of water-based fire protection systems certification.
 - Backflow Prevention Assembly General Tester's Certification.

Knowledge, Skills and Abilities (KSAs)

Applicants must have 24-months of specialized experience performing related duties as specified below.

- Demonstrated knowledge and skills within the following: general plumbing pipefitting, lawn sprinkler systems, domestic heating and cooling water systems.
- Demonstrated knowledge and skill maintaining fire sprinkler systems, including wet pipe, dry pipe, pre-action, and deluge, and associated parts such as fire alarm valves, switches, pumps, air compressors, and other related equipment, to include AFFF and HEF system components.
- Demonstrated knowledge and skill maintaining commercial pumps (horizontal split case, vertical split case, vertical inline, vertical turbine, jockey and end suction).

- Demonstrated knowledge and skill with pipe fitting including hand tools, power tools, supporting structures, fabricating, and material selection.
- Demonstrated knowledge and skill with installing, modifying, testing and inspecting fire system fittings, nozzles, sprinkler heads, sensors and monitors.
- Demonstrated knowledge and skill performing and overseeing commercial mechanical preventative maintenance for Fire Suppression and Plumbing Systems.
- Demonstrated knowledge and skill interpreting mechanical blueprints, engineering and architectural drawings and project specifications.
- Demonstrated knowledge and skill performing supervisory functions and practices.

CONDITIONS OF EMPLOYMENT:

- Each person hired will be required to provide verification of eligibility to work in the United States and may be subject to a criminal background check.
- Refer to the position description for the Mandatory Requirements for this position.
- Military Nonclassified employees are required to comply with military standards and wear the appropriate uniform. (*Not applicable to military waived employees.*)
- Incumbent must be a current enlisted member of the Idaho National Guard. Loss of military membership or compatible military grade/status will result in loss of employment. (*Not applicable to military waived employees.*)
- The State of Idaho, Military Division is an Equal Opportunity employer. Selection for this position will be made without regard to race, color, religion, national origin, sex (including gender identity, sexual orientation, and pregnancy), genetic information, political affiliation, marital status, and disability or age (which does not interfere with job accomplishment or job eligibility based upon the position description Mandatory Requirements). Appropriate consideration shall be given to veterans in accordance with applicable state and federal laws and regulations.

5. PERSONNEL MANAGER CERTIFICATION: The title, series, grade, duties and responsibilities are complete and accurate as written and a current or projected vacancy exists as advertised.

Gloria A. Duncan
Supervisory Human Resource
Specialist
Military Division – State Personnel
Branch

The HRO State Personnel Branch will not forward incomplete application packets for consideration.

SUPPLEMENTAL INFORMATION:

If you are unable to apply online, please contact the HRO office by phone 208-801-4273 or email hrobypass@imd.idaho.gov to discuss alternative options.

Thank you for your interest in employment with the Idaho Military Division.

Licensed Fire Suppression Systems Mechanic Supplemental Questionnaire

- * 1. **Mandatory Requirement (condition of employment)**: Must be an enlisted member (E-7 or below) of the Idaho National Guard. Provide your military grade, job title, MOS/ AFSC, and unit of assignment.
If applying as a civilian under Announcement# 21-109-MW, please indicate so.
- * 2. **Mandatory Requirement (condition of employment)**: Must have and maintain a valid and unrestricted state issued driver's license (from any state), and meet qualifications for a military driver's license.

Provide written response regarding your eligibility, willingness and ability to meet this condition of employment. (have and maintain). DO NOT provide license info here.
- * 3. **Mandatory Requirement (condition of employment)**: Must have, or be eligible to obtain, and maintain a favorable T3 (SECRET) Federal Background Investigation. If a selected candidate does not have a current favorable T3, as a condition of employment he/she must submit to the investigation process immediately upon hire/appointment. *(At a minimum, a favorable suitability determination by the State Security Manager is required prior to appointment into this position.)*

Provide written response regarding your eligibility, willingness and ability to meet this condition of employment.
- * 4. **Mandatory Requirement (condition of employment)**: Must have and maintain one of the following licenses: a current Idaho Fire Protection Sprinkler Fitters License or Fire Protection Sprinkler Contractor License

Provide written response to the specific license you possess, your willingness/ability to maintain current license and certify you have attached a copy of the license (front and back) to your application.
- * 5. **Mandatory Requirement (condition of employment)**: Must have or willing to obtain the following certifications within 12 months of appointment/hire.
 - NFPA-20 Stationary pumps for fire protection certification.
 - NFPA-25 Inspection, Testing and Maintenance of water-based fire protection systems certification.
 - Backflow Prevention Assembly General Tester's Certification.

Please identify if you have any of the certifications and attach to your application. If you do not possess the below certification(s), provide written responses to your willingness and ability to obtain the following certifications at employer expense.

- * 6. KSA: **Demonstrated knowledge and skills within the following: general plumbing pipefitting, lawn sprinkler systems, domestic heating and cooling water systems.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 7. KSA: **Demonstrated knowledge and skill maintaining fire sprinkler systems, including wet pipe, dry pipe, pre-action, and deluge, and associated parts such as fire alarm valves, switches, pumps, air compressors, and other related equipment, to include AFFF and HEF system components.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 8. KSA: **Demonstrated knowledge and skill maintaining commercial pumps (horizontal split case, vertical split case, vertical inline, vertical turbine, jockey and end suction).**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 9. KSA: **Demonstrated knowledge and skill with pipe fitting including hand tools, power tools, supporting structures, fabricating, and material selection.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 10. KSA: **Demonstrated knowledge and skill with installing, modifying, testing and inspecting fire system fittings, nozzles, sprinkler heads, sensors and monitors.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 11. KSA: **Demonstrated knowledge and skill performing and overseeing commercial mechanical preventative maintenance for Fire Suppression and**

Plumbing Systems.

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 12. KSA: **Demonstrated knowledge and skill interpreting mechanical blueprints, engineering and architectural drawings and project specifications.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 13. KSA: **Demonstrated knowledge and skill performing supervisory functions and practices.**

Provide detailed written response describing your specialized experience performing related duties to demonstrate that you meet the minimum **24-month** requirement. *Response should be detailed and include specific examples of job duties performed, responsibilities, etc.*

- * 14. Unqualified or incomplete applicant packets will not be forwarded.
Do you certify you attached any supporting/required documentation and given detailed written responses with your application packet before submitting?

☐ Yes ☐ No

- * 15. Do you certify that all of the information and attached documents to this application are true, correct, complete and made in good faith? (This will constitute your official signature.)

☐ Yes ☐ No

- * Required Question