



Colorado Air National Guard

Traditional

Position Announcement

COANG 25-051

<https://coarng.joint.afpims.mil/Jobs/Air-Traditional/>



POSITION TITLE: BIOENVIRONMENTAL ENGINEER	AFSC: 43E3A	OPEN DATE: 16-Sep-25	CLOSE DATE: 31-Oct-25
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UNIT OF ACTIVITY/DUTY LOCATION: 140 Medical Group Buckley SFB, CO 80011	GRADE REQUIREMENT: Minimum: E1 Maximum: O5
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SELECTING SUPERVISOR: Lt Col William Peace	VACANCY 114695734	PHYSICAL PROFILE: (Officer N/A) PULHES – N/A X Factor – ASVAB – N/A
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AREAS OF CONSIDERATION

<input checked="" type="checkbox"/> Traditional	<input checked="" type="checkbox"/> Nationwide (Military eligible for membership in the COANG)
<input checked="" type="checkbox"/> Current COANG members	<input checked="" type="checkbox"/> Commissioning Opportunity
<input checked="" type="checkbox"/> Enlisted	<input checked="" type="checkbox"/> Officer

All applicants MUST meet the grade requirement and physical/medical requirements outlined

DUTIES AND RESPONSIBILITIES

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2.1. Executes and supervises Bioenvironmental Engineering (BE) programs. Applies knowledge of engineering and the sciences to assist commanders in meeting mission objectives at home station and deployed settings. Advises commanders on impact of unacceptable risk to mission and provides viable courses of action to reduce and eliminate health risk. Enables data-driven decision making, to ensure accurate OEH exposure documentation and to support the occupational medicine enterprise. Determines the appropriateness of personnel protective equipment and individual protective equipment. Identifies and assesses effectiveness of OEH controls. Maintains liaison with local, state, and federal agencies, and foreign entities when applicable, on matters involving OEH standards.

2.2. Performs and documents health risk assessments for chemical, biological, radiological, nuclear (CBRN), and physical hazards. Participates in installation contingency response activities, including exercises.

2.3. Develops measures to control radiological hazards, including those encountered in unrestricted areas to ensure permissible limits of radiation exposure are not exceeded. Enables radiological monitoring, measurement, and control for the Nuclear Enterprise. Serves as Radiation Safety Officer and Laser Safety Officer where required.

2.4. Directs and supervises technicians conducting base BE activities. May participate in the development of policy.

2.5. Delivers joint preventive medicine capabilities to prevent disease and non-battle injuries in the deployed environment.

2.6. AFSC 43EXG: Provides consultation regarding planning, designing, and constructing facilities for storage, use, and disposal of radioactive material or radiation producing devices. Guides the health risk assessment of exposure to ionizing and non-ionizing radiation; and ensures adherence to prescribed safety standards by evaluating activities involving the possession, handling, transportation, storage, use, and disposition of radioactive materials, as well as activities involving use of lasers and other non-ionizing radiation sources. Enhances Commander decision making through technical knowledge of radiological hazards and health threats to forces during nuclear and radiological incidents.

2.7. AFSC 43EXM: (Legacy only) Develops, institutes, and sustains medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services that enable safe and effective patient care. Augments radiology resident training programs. Conducts medical physics activities, research and development on medical physics related topics.

DUTIES and RESPONSIBILITIES (Cont'd):

Possess a baccalaureate degree, or higher, from an engineering or industrial hygiene degree program accredited by the Accreditation Board for Engineering and Technology (ABET); or a Master of Science (MS) in radiation health physics; or a Bachelor of Science (BS) degree in chemistry or physics; or an engineering or radiation science program approved by the 43E Associate Chief; or, For graduates of a United States Service Academy, possess a Bachelor of Science (BS) degree in engineering, biology, chemistry, or physics.

SPECIALTY QUALIFICATIONS:

- 3.5.1. No record of acrophobia or claustrophobia.
- 3.5.2. Ability to clearly speak and communicate in the English language.
- 3.5.3. A valid state driver's license and ability to operate government motor vehicles in accordance with AFI 24-301, Vehicle Operations.
- 3.5.4. Normal color vision and depth perception as defined in AFI 48-123, Medical Examinations and Standards.
- 3.5.5. Must maintain local network access IAW AFI 17-130, Cybersecurity Program Management and AFMAN 17-1301, Computer Security. (COMPUSEC) and 33-152, User responsibilities and Guidance for Information Systems
- 3.5.6. Ability to carry 50 pounds of equipment in a chemical protective suit.
- 3.5.7. Successful medical clearance for enrollment and active participation in the Respiratory Protection Program, IAW AFI 48-137 Respiratory Protection Program.

APPLICATION PROCEDURES

Interested applicants who meet the eligibility criteria listed in this announcement may apply by submitting the below listed documents to the location below. Complete applications must be received no later than 2359 on or before the closing date.

Selecting officials have the right to hold package review boards prior to in-person interviews

Incomplete packages will not be considered for the position vacancy

1. Cover Letter identifying the position you are applying for.
2. Civilian or Military Resume.
3. CURRENT (w/in 90 days) Records Review RIP (available on vMPF via AF Portal).
4. CURRENT Points Credit Summary (available on vMPF via AF Portal).
5. CURRENT and PASSING Report of Individual Fitness (from myFitness)
6. Additional requirements:

Add any other documentation you want provided.

****SUBMIT ELECTRONIC ONLY****

QUESTIONS?

If you have any questions on package submission you may contact 720-847-9446/DSN 847-9446 or email to the below email addresses. If you have any position related questions please contact the selecting supervisor.

E-MAIL APPLICATIONS TO MPS:

140.wg.hro.agr.office.org@us.af.mil

OR:

SUBMIT APPLICATIONS VIA

AMRDEC SAFE: <https://safe.apps.mil/>

140.wg.hro.agr.office.org@us.af.mil

REMARKS

Federal law prohibits the use of government postage for submission of applications.

THE COLORADO NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

All applicants will be protected under Title VI of the Civil Rights Act of 1964. Eligible applicants will be considered without regard to race, age, religion, marital status, national origin, political affiliation or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC/MOS some positions may have gender restrictions.