



MILITARY VACANCY ANNOUNCEMENT



ANNOUNCEMENT NUMBER: KF 27-001

Open Date:	16-Oct-2026	Close Date:	9-Nov-2026
Unit:	173d Medical Group		
Position Title:	BIOENVIRONMENTAL ENGINEER		
AFSCs:	043E3A		
Grade:	Lt Col		
Status:	Drill-Status Guardsman		
Cross-Train:	Yes		

Who May Apply:

Current on-board members of the Oregon Air National Guard
Members eligible to join the Oregon Air National Guard

How to Apply:

Include copy of resume, degree transcripts, and certifications (BLS, ACLS, PALS, etc.) and Letter of Recommendation from current supervisor. Prior enlisted: include fitness history and last 3 evaluations.

Email Packages to:

bethany.pattee.1@us.af.mil

DUTIES AND RESPONSIBILITIES

Specialty Summary. Applies engineering and scientific principles in anticipating, recognizing, and evaluating occupational and environmental health (OEI) hazards, also called OEI threats. Employs professional knowledge to protect personnel and the environment from radiation hazards. Helps design and recommends risk control measures and other courses of action that enable Risk Management decisions, and in some cases patient care strategies, to ensure force health protection.

2. Duties and Responsibilities:

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 in deployed settings. Advises commanders on impact of unacceptable risk to mission and/or risk to force and provides viable courses of action to reduce and eliminate health risks. Enables data-driven decision making, to ensure accurate OEI exposure documentation and to support the aerospace and operational 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.

3. Specialty Qualifications (Mandatory):

3.1. Knowledge. The following knowledge is mandatory for the following AFSCs:

3.1.1. For AFSCs 43EXA/B/D/G/R, knowledge of all BE principles for force health protection spanning all operational environments.

3.1.2. For AFSCs 43EXM, intentional development of this shred ended on 1 Oct 19 with Defense Health Agency (DHA) assuming medical physics requirements at Air Force medical facilities.

3.2. Education. See specialty shredouts, and:

3.2.1. For award of AFSC 43E3B/D/G/R, meet requirements of and possession of AFSC 43E3A and complete the education and/or certification requirements in respective specialty shredouts.

3.3. Training. The following training is mandatory for award of the 43E3A AFSC:

3.3.1 Completion of the Online Training (required prior to attending the in-residence BE Officer Course).

3.3.2 Completion of the in-residence BE Officer Course, B3OBY43E1 0A1B.

3.3.3 Completion of Operational Preventive Medicine (OPM) course within the last 4 years.

3.3.4 Training waivers will be considered on a case-by-case basis approved by the 43E Career Field Manager.

3.4 Experience. The following experience is required for award of the AFSC indicated:

3.4.1 For award of AFSC 43E3A, completion of 12 months performing the work typical of a base BE flight or element. Duties prior to attending the in-residence BE Officer Course can be included in the 12 months of experience based on the discretion of the senior 43E that oversaw assigned duties.

3.4.2 Successful completion of a commissioning program such as Total Force Officer Training (TFOT), Reserve Officer Training Corps (ROTC) or a military service academy is required for award of the 43E3A AFSC.

3.4.3 The maximum Active-Duty timeline for award of AFSC 43E3A is 36 months, time in service (TIS).

Failure to accomplish award of 43E3A by 36 months TIS requires waiver approval by the 43E Career Field Manager.

3.5 Other. The following qualifications are mandatory for entry into these AFSCs (medical waivers may be approved by the 43E Career Field Manager):

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 DAFMAN 48-123, Medical Examinations and St