

TRADITIONAL GUARD OFFICER VACANCY ANNOUNCEMENT

(New Commission or Commissioned)

NEW YORK AIR NATIONAL GUARD

107th Airlift Wing
9910 Blewett Avenue
Niagara Falls, NY 14304-6001

UNIT: 107 Medical Group

POSITION TITLE: Bioenvironmental Engineer

MAX AVAILABLE GRADE: **TBD**

ANNOUNCEMENT #: NF 15-10

DATE: 14 April 2015

CLOSING DATE: 14 July 2015

AFSC 43EX

AREA OF CONSIDERATION: **NATIONWIDE**

All candidates may apply who meet the basic qualifications for this position and who are eligible for membership in the NYANG.

SPECIALTY SUMMARY

(As outlined in AFOCD Dated 30 April 2015)

Applies engineering and scientific principles in identifying and evaluating occupational and environmental health (OEH) hazards and recommending controls to support risk management decisions to ensure Force Health Protection. Related DoD Occupational Group: 260803.

QUALIFICATION AND SELECTION FACTORS

- Selection for this position will be made without regard to race, religion, color, creed, gender, or national origin.
- Applications are subject to review by the MPF and as mandatory requirements are met, applicants must meet an Officer Screening and Interview Board (OSIB).
- The requirements and qualifications prescribed in this announcement are the minimum for this position. Appointment is not assured merely by meeting these requirements. Applicants considered must qualify with the requirements outlined in ANGI 36-2005 and AFI 36-2005

DUTIES AND RESPONSIBILITIES:

- Executes and supervises bioenvironmental engineering programs. Applies knowledge of engineering and the sciences to assist commanders in meeting mission objectives at home station and deployed settings. Performs health risk assessments for chemical, biological, radiological, nuclear, and physical hazards, which may compromise Force Health Protection. Advises commanders on impact of unacceptable risk to mission and provides viable courses of action to reduce and eliminate risk. Identifies and assesses effectiveness of occupational and environmental health controls. Participates in installation contingency response activities, including exercises. Determines the appropriateness of personnel protective equipment and individual protective equipment. May participate in development of policy. Directs and supervises technicians conducting base bioenvironmental engineering activities. Maintains liaison with local, state, and federal agencies on matters involving occupational and environmental health standards and;

- 2.2. Advises command and staff agencies on effective operational risk management (ORM) decisions and;
- 2.3. Develops measures to control radiological hazards; monitors staff and medical facilities, to include unrestricted areas to ensure permissible limits of health risk hazards are not exceeded. Coordinates medical physics activities. Serves as Radiation Safety Officer where required; and
- 2.4. AFSC 43EXG: Provides consultation regarding planning, designing, and constructing facilities for storage, use, and disposal of radioactive material or radiation producing devices; health risk assessment of exposure to ionizing and nonionizing radiation; and ensures adherence to prescribed safety standards by evaluating activities involving the handling, shipment, storage, use, and disposal of radioactive materials, as well as use of lasers and other non-ionizing radiation sources.
- 2.5. AFSC 43EXC/E: Applies knowledge of architecture and engineering to modernize and maintain health care, training, and laboratory facilities. Provides guidance on functional and technical criteria specific to medical design and construction. Programs and plans medical facilities projects, reviews plans, specifications, and other supporting data for their technical, medical, and functional sufficiency.
- 2.6. AFSC 43EXM: Develops, institutes, and sustains medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services to support patient care. Supports radiology resident training programs. Conducts medical physics activities, research and development on medical physics related topics

KNOWLEDGE:

- Knowledge of all bioenvironmental engineering principles for force health protection spanning all operational environments. (43EXC/E): Knowledge of medical construction or architecture principles for medical facility planning, design, and construction. (43EXM): Knowledge of medical physics programs for radiotherapy, nuclear medicine, and diagnostic imaging physics services.

EDUCATION:

- See specialty shredouts

TRAINING:

- For award of AFSC 43E3A/B/D/G/M, completion of the Bioenvironmental Engineering course, B3OBY43E1000.

EXPERIENCE:

- The following experience for award of the AFSC indicated:
 For entry into 43E3B/D/G/M, qualification and possession of AFSC 43E3A.
 For award of AFSC 43E3A, a minimum of 24 months experience in bioenvironmental engineering assignments.

APPLICATION PROCEDURES: For Newly Commissioned Officers: Applicants will prepare and forward a Cover letter, Resume, an AF Form 24, APPLICATION OF APPOINTMENT AS RESERVE OF THE AIR FORCE OR USAF WITHOUT COMPONENT AF 24, Current Official College transcripts (forward directly from the college to the address below), DD Form 214, RECORD OF

SEPARATION/DISCHARGE FROM US ARMED FORCES (if applicable), VMPF Record Review Rip, current Physical Fitness Evaluation Report and DD Form 2807-2(filled out by applicant, not the copy from your medical records) MEDICAL PRESREEN OF MEDICAL HISTORY REPORT

Commissioned: Applicants will prepare and forward an Cover letter, Resume, an AF Form 24, Application of Appointment as Reserve of the Air Force or USAF Without Component, vMPF Records Review RIP, current Physical Fitness Evaluation Report and DD Form DD Form 2807-2(filled out by applicant, not the copy from your medical records) MEDICAL PRESREEN OF MEDICAL HISTORY REPORT

NOTE: PLEASE DO NOT ATTACH MATERIAL IN A BINDER OR DOCUMENT PROTECTORS. ALL DOCUMENTS MUST BE INCLUDED IN ORIGINAL PACKAGE BEFORE THE DUE DATE.

Complete application package must be received no later than close of business on the closing date of the vacancy announcement, 14 July 2015. Incomplete packages will not be considered. For more information or questions contact MSgt Melissa N. Shenefiel at 716-236-3627 or by e-mail at melissa.shenefiel@ang.af.mil

MAIL APPLICATION TO: 107TH AW FSS/FSM

9910 Blewett Avenue
Niagara Falls, NY 14304-6001
ATTN: MSgt Melissa N. Shenefiel

Or emailed to : 107AW.FSS.Customer.Service@ang.af.mil **DISTRIBUTION:** 107 AW Home
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