

# TRADITIONAL GUARD OFFICER VACANCY ANNOUNCEMENT

(New Commission or Commissioned)

## NEW YORK AIR NATIONAL GUARD

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

UNIT: 107th Medical Group

POSITION TITLE: Bioenvironmental Engineer

MAX AVAILABLE GRADE: **TBD**

ANNOUNCEMENT #: NF 17- 8

DATE: 11 June 2017

CLOSING DATE: 10 July 2017

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 2017)

This list is not all inclusive

Applies engineering and scientific principles in anticipating, recognizing, and evaluating occupational and environmental health (OEH) hazards, also called OEH threats. Designs 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

## 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
- 2.3. Develops measures to control radiological hazards including those encountered in unrestricted areas to ensure permissible limits of radiation exposure are not exceeded. Augments medical health physics activities. Enables radiological monitoring, measurement, and control for the Nuclear Enterprise. Serves as Radiation Safety Officer where required
- 2.4. AFSC 43EXC: 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.
- 2.5. 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. Enables enhanced CBRN response capability for nuclear and radiological incidents

#### **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 43E2A, completion of the BE Officer Course, B3OBY43E1000.  
3.3.2. For award of AFSC 43E3A, completion of upgrade training IAW current BE Career Field Education Training Plan (CFETP), completion of the BE Officer Advanced Course, B3OBY43EXXXX, and possession of AFSC 43E2A.

#### **EXPERIENCE:**

- For award of AFSC 43E3A, completion of 18 months in the 43E2A duty AFSC while performing the work typical of a base BE flight or element, and after earning AFSC 43E2A

For award of AFSC 43E3B/D, possession of the respective 43E1B/D shredout AFSC for 24 months.

**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 if applicable, DD Form 2807-2 MEDICAL PRESCREEN OF MEDICAL HISTORY REPORT.

Commissioned: All of the above documents plus vMPF Records Review RIP, current Physical Fitness and Evaluation 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, 10 July 2017. 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.n.shenefiel.mil@mail.mil**

**MAIL APPLICATION TO:** 107th ATKW FSS/FSM

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

Or emailed to **DISTRIBUTION:** 107 AW Home Page/107 AW Message Release  
or email to: usaf.ny.107-msg.list.fss-customer-service@mail.mil