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| **109 AW Electrical & Environmental Technician Vacancy Announcement** **( DSG Enlisted )** |
| **NEW YORK AIR NATIONAL GUARD****109th AIR NATIONAL GUARD BASE**109th Airlift WingStratton Air National Guard BaseScotia, NY 12302-9752 | **ANNOUNCEMENT NO:**   | 23-109-E&E |
| **DATE:**  | 28 February 2025 |
| **CLOSING DATE:**  | Until Filled |
| **UNIT:**  109th MXGStratton ANGB Scotia, NY 12302-9752 | **AFSC:** | 2A6X6 |
| **MAX AVAILABLE GRADE:** SSgt (E-5) | **AREA OF CONSIDERATION:** **NATIONWIDE**: All Traditional Guardsman (includes technicians) who meet the basic qualifications for this position. **Anyone Eligible To Join The New York Air National Guard** |
| **POSITION TITLE:** Electrical & Environmental Technician  |
| **SPECIALTY SUMMARY** *(As outlined in the current AFECD - 31OCT2022)*Performs and supervises aircraft electrical and environmental (E & E) functions and activities. Troubleshoots, inspects, removes, installs, repairs, modifies, overhauls, and operates integrated E & E systems, components, and associated support equipment. Related DoD Occupational Subgroup: 160200. **DUTIES AND RESPOSIBILITIES** (*IAW the current AFECD – 31OCT2022)* 2.1. Inspects, troubleshoots, and maintains aircraft E & E systems, subsystems, components, and associated test equipment. E & E on- equipment systems include direct and alternating current; gas turbine compressors and auxiliary power units; landing gear, anti-skid, and nose wheel steering; electronic engine control, ignition, and starting; lighting; master caution and warning; take-off warning; flight control; cargo door and cargo delivery equipment; non-electro static application (NESA) windows; anti-icing; fire and overheat warning; fire extinguishing and suppression; fuel control; liquid cooling; air conditioning, bleed air, cabin pressurization, and auxiliary pressurization; oxygen; and aircraft utility systems. 2.2. Performs off-equipment maintenance on E & E system components and associated test equipment. Included are control, protection, caution, and warning panels; lighting equipment; frequency and load controls; anti-icing controllers; inverters; voltage regulators; nose wheel steering and anti-skid amplifiers; generators and integrated drive generators; actuators, relays, motors, and valves; lighting equipment; fire and overheat panels; fire extinguishing equipment; aircraft batteries; aircraft oxygen system components and special equipment testers. Performs cryogenic maintenance on mobile aircraft servicing units. Maintains, repairs, and fabricates electrical wiring, harnesses, and connectors. Uses electrical, electronic, pneumatic, and other test and support equipment. Maintains compressed gas equipment. 2.3. Inspects and evaluates aircraft E & E maintenance activities. Determines operational status of assigned assets. Interprets inspection findings and determines corrective actions. Ensures compliance with technical publications and directives. **QUALIFICATIONS AND SELECTION FACTORS:**3.1. Knowledge. Knowledge is mandatory of: electrical, electronic, and mechanical principles relating to E & E systems; concepts and application of maintenance directives; meaning of symbols used in wiring diagrams, blueprints, and schematics; and proper handling, use, and disposal of hazardous waste and materials. 3.2. Education. For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science, and mechanics is desirable. 3.3. Training. For award of AFSC 2A636, completion of a basic aircraft E & E systems maintenance course is mandatory.  |

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| **TO INQUIRY ABOUT THIS or ANY 109TH AIRLIFT WING POSITIONS:****Please Contact The 109th Recruiting Office @ 518-344-2200 or 109aw.airwing.recruiting@us.af.mil, with any Qualification/Eligibility or Vacancy Questions.** |