

**THE NAVAJO NATION**  
**Department of Personnel Management**  
**JOB VACANCY ANNOUNCEMENT**

REQUISITION NO: EPA01511869 DATE POSTED: 04/27/16  
POSITION NO: 240850 CLOSING DATE: 05/10/16  
POSITION TITLE: Environmental Engineer  
DEPARTMENT NAME / WORKSITE: EPA/Air & Toxics Department/Operating Permit Program, Fort Defiance, AZ

WORK DAYS: <u>Monday-Friday</u>	REGULAR FULL TIME: <input checked="" type="checkbox"/>	GRADE/STEP: <u>AC65A</u>
WORK HOURS: <u>8:00 am - 5:00 pm</u>	PART TIME: <input type="checkbox"/>	NO. OF HRS./WK.: _____ \$ <u>50,377.60</u> PER ANNUM
	SEASONAL: <input type="checkbox"/>	DURATION : _____ \$ <u>24.22</u> PER HOUR
	TEMPORARY: <input type="checkbox"/>	_____

**DUTIES AND RESPONSIBILITIES:**

Under supervision, will be responsible for a variety of permit related activities, including reviewing air permits to reconcile chemical, thermodynamic, and mechanical operations and activities with estimated emissions and projected emission impacts. Develop emission monitoring or parametric monitoring strategies that will enable a source to clearly demonstrate continuing compliance. Drafts permits documents and supporting technical memoranda; assess whether proposed operations, emissions, and emissions impacts comply with relevant limitations; provides concise, accurate technical guidance to regulated facilities, consultants, attorneys, other agencies, and the public regarding applicable regulations, permitting and testing matters; identify and analyze legal and regulatory requirements, including NSR, PSD, Title V requirements; respond to information inquiries from the public, regulated sources, consultants, participating attorneys, government officials. Participates in public hearings regarding proposed permits; establishes and maintains on-going communication with relevant regulatory agencies; prepares technical evaluation reports on air permit regulations and programs; engage in liaison activities with federal and other government officials; applies knowing of environmental engineering to the evaluation of engineering reports and calculations regarding emission rates from sources of air pollution; participates in regional and local air quality projects, e.g., air monitoring, inspections, reporting and other program functions such as outreach, quarterly meetings; performs computer modeling to quantify emission impacts.

**QUALIFICATION REQUIREMENTS: (Education, Experience and Training)**

**Minimum Qualifications:**

- A Bachelor's degree in Environmental Engineering, Chemical or Civil Engineering, Environmental Science or related engineering field; and two (2) years responsible work as an Engineer and/or related work in an environmental protection/control program.

**Preferred Qualifications:**

- A Master's degree in Environmental Engineering, Chemical, Mechanical, Civil Engineering, Environmental Science or related engineering field.
  - Two (2) years in air permitting, air pollution control regulations and enforcement.
- Training in air quality modeling systems, E&P Tank, GRI-GL Ycalc and GRI-HAP calc.
- Engineer-In-Training (EIT) certificate.

**Special Requirements:**

- Possess a valid state driver's license.

***(To receive full credit for education, certification, or licensure, transcripts, copies of degrees, certificates, and other appropriate documents must be submitted along with employment application.)***

**Special Knowledge, Skills and Abilities:**

Knowledge of the principles, practices and techniques applied in engineering as related to air quality compliance.

Knowledge of Navajo Nation, local, state, federal regulations as related to air quality.

Knowledge of techniques used in quantifying emissions and atmospheric transport theory, combustion emission factor development and combustion modeling, NSR and PSD, GHG, RHR and BART, and instrument set up and calibration.

Knowledge and understanding of air quality regulations, air emissions and emission reporting processes.

Knowledge of the application of engineering research and study methods.

**THE NAVAJO NATION GIVES PREFERENCE TO ELIGIBLE AND QUALIFIED APPLICANTS IN ACCORDANCE WITH THE NAVAJO PREFERENCE IN EMPLOYMENT ACT AND VETERANS' PREFERENCE.**