

THE NAVAJO NATION
Department of Personnel Management
JOB VACANCY ANNOUNCEMENT

REQUISITION NO: EPA01511832
POSITION NO: 240038
POSITION TITLE: Air Quality Engineer

DATE POSTED: 04/18/16
CLOSING DATE: 05/02/16

DEPARTMENT NAME / WORKSITE: EPA - Air & Toxics Department/Operating Permits Program, Fort Defiance, AZ

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| WORK DAYS: <u>Monday-Friday</u> | REGULAR FULL TIME: <input checked="" type="checkbox"/> | GRADE/STEP: <u>AB66A</u> |
| WORK HOURS: <u>8:00 am - 5:00 pm</u> | PART TIME: <input type="checkbox"/> | NO. OF HRS./WK.: _____ |
| | SEASONAL: <input type="checkbox"/> | \$ <u>54,953.60</u> PER ANNUM |
| | TEMPORARY: <input type="checkbox"/> | DURATION : _____ |
| | | \$ <u>26.42</u> PER HOUR |

DUTIES AND RESPONSIBILITIES:

Under supervision, performs air quality environmental engineering work in a variety of areas such as performing engineering reviews of air permits applications and processing, drafts permits for sources in accordance with NSR, PSD, Federal Implementation Plan (FIP), GHG and Title V CAA requirements; analyzes legal and regulatory requirements to ensure applicable facilities meet regulatory aspects of NSR, PSD, Title V, GHG, RHR, BART, and drafts relevant changes to permits; prepares engineering reports, monitors compliance activities of various combustion and industrial facilities on the Navajo Nation by conducting site inspections and investigations of sources to ensure compliance with relevant regulations and permits requirements; conducts air dispersion modeling for industrial facility, and infrastructure/transportation projects; participates in environmental impact assessment processes; develops source category specific emission factors, regulatory analysis and reporting; reviews compliance certifications, monitoring reports, audits performance testing at regulated facilities, prepares inspection reports; performs engineering analysis and detailed calculations in developing air pollutant emission rate estimates; provides compliance assistance to regulated sources; responds to requests received from public for information or technical assistance on numerous air quality related issues; participates in regional studies, monitoring programs, policymaking, public hearings, meetings.

QUALIFICATION REQUIREMENTS: (Education, Experience and Training)

Minimum Qualifications:

- A Bachelor's degree in Environmental, Chemical, or Civil Engineering or related engineering field; and two (2) years of air quality permitting or compliance reporting work experience.

Preferred Qualifications:

- A Master's degree in Environmental, Chemical or Civil Engineering or related engineering field.
- Possession of an Engineer in Training (EIT) certificate.
- 24-Hour HAZWOPER or 40-Hour HAZWOPER (OSHA 1910.120).

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.

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

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