

DANIEL G. PEREZ

SENIOR ENVIRONMENTAL ENGINEER



915-588-6282



dgperez3@miners.utep.edu



<https://www.linkedin.com/in/daniel-g-perez-9b2a403a>

QUALIFICATIONS HIGHLIGHT

- 10 Years of environmental compliance and air pollution experience in public, private, and academic sectors
- Broad-based expertise in Power Generation environmental compliance with working knowledge of Mining industry
- E.I.T. # 45914 under Texas Board of P.E.s & Certified with 40-Hr HAZWOPER, Method 9, & Asbestos Inspection
- Performed & Co-Authored 3 years-worth of Multi-million dollar graduate-level air quality laboratory research

CORE COMPETENCIES

- Applied air pollution engineering in Power and Mining Industries
- Power Generation
- Experienced in project driven calculations
- Articulate leader with excellent oral and written technical communication

EDUCATION

B.S. Civil Engineering

The University of Texas at El Paso (UTEP)

El Paso, TX

- UTEP ASCE Chapter President & VP
- 2 Year Concrete Canoe Team Captain
- Texas ASCE Outstanding Student Award

PROFESSIONAL EXPERIENCE

El Paso Electric Company, Environmental Engineer - Senior

Apr. 2018 – Present

Manage all aspects of Air Quality tasks at corporate level and on-site throughout 4 major-source Title V and NSR permitted boiler steam turbine, simple and combined cycle, turbine generation facilities with catalytic reduction operating across 2 states with a fleet of 18 multi-analyzer Continuous Emissions Monitoring Systems (CEMS) including training, recordkeeping, reporting/filing, auditing, regulatory inspections and analysis, new project permitting applications, emerging regulatory issues, 40 CFR 60,75,98, and all other air compliance activities. Functional technical team lead overseeing fellow air group engineers

El Paso Electric Company, Environmental Engineer - Staff

Nov. 2012 – Mar. 2018

Serve as internal Clean Air Act (CAA) consultant and subject matter expert. Serve as Air Functional Team Lead instructing fellow professionals while being a liaison with outside regulatory agencies (TCEQ, NMED, EPA) in addressing environmental engineering, Balance of Plant (BOP) and compliance issues as well as with multiple various internal departments. Provide technical guidance in projects regarding emerging air issues. Procure and maintain compliance with 4 power plant Title V permits and 4 NSR permits as well as other minor permits and multiple other environmental regulatory programs (Acid Rain Program, Cross-State Air Pollution Rule, New Source Performance Standards (NSPS)) at both the Federal and State (Texas & New Mexico) levels. Produce annual air emission inventories, develop regulatory compliance programs, ensure permit procurement, and prepare annual Greenhouse Gas inventory and carbon footprint reports. Prepare quarterly Continuous Emissions Monitoring System (CEMS) electronic data reports for 18 units, Title V deviation reports and Title V compliance certifications while guiding plant personnel on permit-required tasks. Provide peer review and assistance for technical accuracy and completeness. Plan, develop, and use engineering systems and algorithms to ensure compliance with all applicable federal, state and local environmental regulations. Act as liaison for utility scale solar project during an Environmental Baseline Survey.

Freeport-McMoRan Copper & Gold, Environmental Engineer I

Dec. 2011 – Nov. 2012

Ensured adherence to Title V & NSR permits, NSPS, NESHAPs, and other regulatory programs, completed annual compliance certifications, visible emissions observations, refrigerant leak rate calculations. Established relationships with regulatory officials and submitted permit-required notifications including deviation reports, facility modifications, testing, and revisions. Ran Part 60 CEMS, Coordinated RATAs and all other stack performance tests. Performed on-call duties while monitoring and providing support for entire mine site in air quality concerns as well as any other environmental issues.

City of El Paso Environmental Services Air Quality Program, Engineering Technician

Aug. 2011 – Dec. 2011

Performed Title V deviation & Emissions Event report investigations; verified Reid Vapor Pressure and Oxygenated Fuel compliance; completed site Reviews, and Record and Document Reviews for TCEQ air permitting compliance purposes.

UTEP Air Quality Research Laboratory, Undergraduate Research Assistant

Jun. 2008-Jul. 2011

Designed an apparatus for measurement of respiratory tract deposition of ultrafine particles and co-authored scientific article in The Journal of Pulmonary Medicine; deployed TSI APS, SMPS, and TEOM instruments for various research applications

UTEP Center for Environmental Resource Mgmt., Undergraduate Research Assistant

Sep. 2006-Aug. 2008

Designed outreach media and resolved environmental health concerns with communities in Cd. Juarez, Chihuahua, Mexico.