

PROFESSIONAL RÉSUMÉ

JOSEPH ROBERT PERE

FIELDS OF SPECIALIZATION

Air Quality New Source Review Permitting in Texas, North Dakota, and Louisiana; Federal Title V Permits in Texas and Louisiana; Federal Regulatory Standards such as New Source Performance Standards, Maximum Achievable Control Technology, and National Emissions Standards for Hazardous Air Pollutants; Greenhouse Gas Emissions Reporting and Life Cycle Analysis; Oil and Gas Facility Air Emissions Controls; Oil and Gas Facility Process Design; Air Quality Regulatory Compliance Evaluations; M&A/A&D Due Diligence Reviews; Regulatory Liaison and Negotiations with TCEQ; Analysis of Regulatory Impacts; Air Pollutant Emission Calculations; and Financial Analysis.

EDUCATION

BS, Petroleum Engineering (BSPE), The University of Louisiana at Lafayette, 2010

PROFESSIONAL EXPERIENCE

Senior Project Staff ♦ Cook-Joyce, Inc. ♦ Austin, Texas ♦ 2016 - present
Principal Consultant ♦ Environmental Resource Management ♦ Austin, Texas ♦ 2013 – 2016
OCCC Board Member ♦ Society of Petroleum Engineers ♦ United States ♦ 2012 – 2016
Petroleum/Environmental Engineer ♦ COMM Engineering, Inc. ♦ Lafayette, Louisiana ♦ 2011 – 2013
District Engineer ♦ FESCO, Ltd. ♦ Lafayette, Louisiana ♦ 2010 to 2011
Production Operator ♦ Production Management Industries ♦ New Iberia, Louisiana ♦ 2005 – 2006

PROFESSIONAL AFFILIATIONS

Society of Petroleum Engineers ♦ 2006 – 2020
American Association of Drilling Engineers ♦ 2006 – 2011

PROJECT EXPERIENCE

Mr. Pere began his career in the oil and gas industry in 2005 as a contract Production Operator for a super-major producer in the Gulf of Mexico. After receiving his degree in Petroleum Engineering from the University of Louisiana at Lafayette, he took on the role of District Engineer for FESCO, Ltd.'s Lafayette, Louisiana regional operations, fulfilling engineering and business operations needs in the well testing, hydrocarbon analysis, production and reservoir engineering spaces. In 2011, he transitioned from industry operations into environmental consulting, specializing in air quality and regulatory compliance issues in the oil and gas space, using his past industry experiences to build his practice. Since then he has expanded his practice to include high tech, manufacturing, chemicals, and pharmaceuticals.

At Cook-Joyce, Inc. (CJI), Mr. Pere provides consulting services to clients in various industries, including high tech manufacturing; consumer manufacturing; chemical and petrochemical manufacturing; oil and gas production and transportation; and oil field services and manufacturing. Mr. Pere assisted and supported CJI clients in complying with federal and state air quality rules. He has analyzed numerous processes and facilities to evaluate the effects of and strategies for complying with environmental regulations.

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While at the ERM, Mr. Pere served as Principal Consultant for the Southern Division Air Practice, as well as the Business Unit Sales Manager. Mr. Pere and his teams were responsible for performing air quality permitting, greenhouse gas inventories and reporting, interpretation of emerging rules at the state and federal level, regulatory compliance audits, and due diligence as it related to mergers, acquisitions, and divestitures. His commercial role within the air practice afforded him the opportunity to gain invaluable knowledge of how rulemaking is made at the state and federal levels, and how it affects a variety of industries' operations. He also served in a capacity of developing new services offerings and project types to assist clients in achieving their compliance goals and mitigating their risk.

At COMM Engineering, Mr. Pere served as the staff Petroleum Engineer and was responsible for development of permitting and reporting processes for a wide variety of oil and gas clients. He was responsible for permitting in Texas, North Dakota, and Louisiana, as well as GHG reporting initiatives at the federal level. He served as the process simulation specialist for the company, helping companies evaluate their options as it pertained to control technologies for their facilities. Mr. Pere also worked with in-house and external counsel for oil and gas companies on rule interpretation and SOP development for companies to internally adapt to new and upcoming rulemaking. He also worked with the company's Vice President in order to develop new service offerings to bring to the market, as well as external business development opportunities.

During his tenure at FESCO, Ltd. Mr. Pere held the position of District Engineer for the Louisiana district. His primary duties included reservoir and production engineering as it related to well testing activities for various clients onshore in Louisiana and Texas. Additionally, Mr. Pere also served a role in the hydrocarbon lab, gaining experience in gas chromatography and various other hydrocarbon analysis activities. He also led field teams for well testing and hydrocarbon sampling. He served as Assistant District Manager, assisting in overseeing the operational function of the district, including sales, HR, and logistical functions.

As an offshore production operator for PMI, LLC, Mr. Pere gained invaluable field experience as it related to oil and gas operations. In this role, he became skilled in operation of offshore platforms and their associated equipment, as well as the behavior of hydrocarbons and wells. Through this position, he became seconded to Chevron North America E&P, serving in a position that accompanied workover crews to various platforms. During this experience, he gained knowledge of workover and downhole processes, witnessing firsthand how companies took care of their wells to achieve the best possible production for years to come.

Representative project experience for Mr. Pere:

Prepared state air permit applications for various oil and gas operators in the upstream and midstream segments throughout Texas, North Dakota, and Louisiana. Included preparation of all air permit application documents and emissions source calculations. Communicated directly and frequently with state agency staff and management to facilitate permit issuance.

Prepared Title V permit applications for upstream and midstream oil and gas operations in Texas and Louisiana. Applications included all necessary forms and documents, as well as emissions calculations where necessary.

Prepared TCEQ state air permit and Permit by Rule (PBR) applications for numerous operational activities at a specialty chemical manufacturer's two large facilities located in North and Central Texas. Prepared calculations, permit documents, Modeling and Effects Review Applicability (MERA) Analysis, Best Available Control Technology (BACT) Analysis, and other pertinent material for incorporation into the air permit application. Communicated effectively and often with client project teams and state agency staff to facilitate project completion.

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Prepared emissions calculations and performed air quality dispersion modeling using USEPA's AERMOD software to demonstrate offsite impacts from construction and operations activities for a proposed Spent Nuclear Fuel storage site in West Texas. This was conducted in support of an Environmental Impact Study for the Nuclear Regulatory Commission (NRC) in support of site permitting efforts.

Prepared a TCEQ air permit application for a major high-tech manufacturing facility in the city of Austin. Project included development of permitting strategy, dispersion modeling, emissions testing, and preparation of air permitting documentation, emissions calculations, coordination of public notice activities, and frequent and constant pre- and post-submittal communication and interaction with TCEQ.

Prepared a TCEQ air permit application for a major oil and gas services facility in the Houston area. Project included development of permitting strategy, dispersion modeling, emissions testing, and preparation of air permitting documentation, emissions calculations, coordination of public notice activities, and frequent and constant pre- and post-submittal communication and interaction with TCEQ.

Prepared an LDEQ Title V Permit application for a natural gas processing plant located near LaRose, LA. Project included development of emissions calculations, permit application, and comprehensive rules summary, and frequent interaction with the state agency.

Prepared PBR and Standard Permit applications for various for high tech, manufacturing, and oil and gas services companies. Included preparation of all air permit application documents and emissions source calculations. Communicated directly and frequently with state agency staff and management to facilitate permit issuance.

Assisted an oil and gas service company and external counsel with enforcement action taken during a routine inspection of the site by TCEQ. This included significant interaction with enforcement and the chemical section of the air permits division in order to expedite the permitting process for the subject facility.

Worked with internal counsel of a major oil and gas company to develop internal standards of compliance in regard to the newly-developed New Source Performance Standard (NSPS) OOOO. Developed procedures, recordkeeping tools, and compliance documentation for sites located in Texas and North Dakota.

Assisted a large chemical manufacturing company in responding to compliance investigation and enforcement action due to an emission event at their site located near Orange, Texas. Assistance included interacting with the environmental investigator, preparing emissions calculations, and working with the engineering team at the site to establish the timeline of events and quantify associated emissions that occurred during that timeline.

Prepared GHG emissions reports under EPA's GHG Reporting Program (GHGRP) for upstream oil and gas sites and gas plants throughout the United States.

Performed analyses for a multitude of due diligence projects related to M&A and A&D activities in the oil and gas, refining, gasoline terminal, fractionation, pharmaceutical, and lumber industries. Included collection and organization of data room information, review of authorizations, site assessments, and significant interaction with buyers, sellers, legal counsel, and private equity firms.

Performed field assessments for various oil and gas companies to collect data and ensure compliance with federal and state air quality rules.

Prepared well registrations for submission to the North Dakota Department of Health (NDDH) on behalf of a major operator in the Bakken.

Prepared engineering reports for process simulations performed for air permitting and air quality pollution

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control purposes.

Trained and mentored staff at client companies on environmental and industry practices as they relate to air quality and regulatory compliance.