



PROFESSIONAL PROFILE



Hector M. Escobar

Technical Director

CONTACT INFORMATION

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EDUCATION

BS, Chemical Engineering EIT,
EH&S Management,
University of Texas

EXPERIENCE SUMMARY

Mr. Escobar has nearly forty years of environmental experience, including Technical Director at Roux (2024-Present), Senior Project Manager/Air Practice Lead at CEC (2023-2024), Senior Environmental Engineer at INVISTA (2022-2023), Senior Environmental Engineer at Lyb CBO Polymers (2019-2022), Senior EHS Manager at Materia (2017-2019), Global/Regional Environmental Manager, Americas, Europe, and Asia at Orion Engineered Carbons (2014-2017), Environmental Engineer (2012-2014) and Environmental Team Lead (1990-2004) at Celanese, EHS Specialist (2010-2012; 2005-2008) at Solutia/Ascend, and Environmental Engineer at ONEOK (2008-2010).

TECHNICAL SPECIALTIES

Mr. Escobar is an experienced Global Environmental Health and Safety Manager and Leader in the Petrochemical, Chemical, Plastics, Pharmaceutical, Oil Gas, Energy, Cogeneration, and Carbon Black sectors. He is a subject matter expert for the cost-effective implementation and maintenance of environmental health and safety management, compliance systems and software, regulatory implementation and applicability assessments, compliance auditing, and due diligence. He has a proven ability to effectively execute new assignments and full-cycle completion.

REPRESENTATIVE PROJECTS

- Responsible for developing business for the air practice and delivering compliance reports and other air media activities to clients accurately and on time.
- Responsible for implementation and maintenance of corporate and site environmental compliance systems such as incident investigation, environmental permitting, waste management, and various EHS regulatory programs.
- Responsible for implementation and maintenance of corporate EHS programs such as safe work permitting, PSM, incident investigation, environmental permitting, waste management, product stewardship, and various EHS regulatory programs.
- Efficiently conducted and supported multiple audits, due diligence, site closures, permitting actions, enforcement actions, and CAA 114 requests, resulting in significant reduction in regulatory liability.
- Partnered with Americas Regional EHS Managers to provide Health and Safety support to facilities. Provided direct leadership to four North American, six European, three Asian, and one Brazilian Carbon Black and Cogen site.
- Developed and implemented compliance programs associated with RMP, NSR, and Title V Operating Permit application preparation for major chemical manufacturing facilities.
- Managed in-house regulatory programs and issues, including management of RCRA Storage, Treatment, Subtitle D landfill, and BIF incinerator permits and reports; SARA; Emissions Inventory; TRI and other regulatory reports; on-site spill and release response; and outside agency notifications to NRC, TCEQ, GLO, LEPC, TDH and others in accordance with company policy and regulations resulting in significant consultant budget savings.
- Developed and maintained multiple air programs (i.e., GHG, Boiler MACT, Cogen Turbine MACT, RMP, NSR, and Title V Operating Permit applications) for major petrochemical, chemical, and Cogen manufacturing facilities.



- Managed cost-effective implementation of environmental compliance systems for various operating units, including poly-acetyl, formaldehyde, pharmaceutical, polyethylene, utility, waste heat boiler, cogeneration, and water wastewater system, to ensure compliance with Title V reporting and permitting.
- Prepared New Source Review (NSR) amendment and renewal applications for operating areas (i.e., methanol, polyethylene, plastics, compounding, and utilities), achieving significant cost savings.
- Expedited the permitting of new ethylene and poly-acetyl compounding production unit NSR/Title V amendment applications, enabling early construction of new reliable production lines and early startup to increase profits.
- Effectively managed on-site spill and release response and outside agency notifications to NRC, TCEQ, GLO, LEPC, and TDH, as well as others.
- On-site staff member mentoring and supporting unit compliance engineers affiliated with chemical processing facilities (i.e., acrylonitrile, cyanide, chelating agent, animal feed supplement, utilities, distribution operating units).
- Efficiently prepared various compliance report and permit submittals (i.e., Title V Deviation and Certification reports, NSPS and MACT periodic reports).

- Identified new unit permitting and compliance requirements and coordinated submittal of expedited air permit amendments or initial Title V, NSR, and GHG permits for polyethylene and sodium cyanide facilities, resulting in increased profits by early startup of new production facilities.

AWARDS AND CERTIFICATONS

ISO 9000 and 14001 Auditor

Transportation Emergency Response Training

Certified Six Sigma Green Belt

Crisis Management Training

Certified Visual Emissions Reader

Orion Environmental Health & Safety Excellence Award

PROFESSIONAL AFFILIATIONS

Texas Industry Project TIP Member

Member of Port Industries Risk Management Plan Technical Committee

Member of Texas Chemical Council TCC Air Committee