



Professional Profile

David A. Gratson, CEAC
Senior Technical Chemist

Phone: 281.752.9782

E-mail: dgratson@envstd.com

Professional Experience

Mr. Gratson, who has over 25 years of field and analytical quality assurance experience, is responsible for the management of various projects at the Houston, Texas, office. Mr. Gratson is knowledgeable in the fields of organic, inorganic, and radionuclide data validation and laboratory auditing, including non-routine methods and analytes. He has performed and/or overseen more than 800 technical and statistical reviews of project planning or reporting documents, and 40 audits/assessments since 2000. The range of projects has included hydraulic fracturing studies, mine waste characterization and technology development, and superfund investigations and technology development. He provided extensive expertise in systematic planning, including the data quality objective process, for these projects. Mr. Gratson is also knowledgeable and experienced in the preparation and third-party review of analytical standard operating procedures, field operation standard operating procedures, Quality Assurance Project Plans, and electronic data reporting.

Mr. Gratson has worked in the energy R&D field, studying techniques for producing fuels and specialty chemicals using gasification and pyrolysis. He utilized direction mass spectrometry analysis, including MS/MS for identification of chemicals produced in laboratory and pilot-scale operations. He was co-developer of a transportable molecular beam mass spectrometer. At NASA, he managed a laboratory that provided qualitative and quantitative analysis (GC/FTIR/MS) of offgas components associated with the Space Shuttle and Navy Submarine environments. He provided Chemistry and QA oversight for the development of analytical and sampling programs associated with Brownfield redevelopment projects. For that project, he also developed guidance for third-party data validation, data usability analysis, data reporting, and electronic data deliverable formatting requirements.

Certifications

Mr. Gratson is a Certified Environmental Analytical Chemist through the National Registry of Certified Chemists.

Memberships

Mr. Gratson is a member of the American Chemical Society, the Auditing Roundtable, Association of Applied Geochemists, and the Geochemistry Society.

Education

Mr. Gratson received a Bachelor of Science Degree in Biology Allegheny College in 1981; conducted additional coursework in Chemistry and Physics, University of Colorado – Denver; and received a Master of Science Degree in Environmental Science and Engineering at the Colorado School of Mines in 1993.

