

Anthony (Tony) J. Lamonte

Chemistry Consultant



EXPERIENCE

Chemistry Consultant

2021-Present

Senior Consultant

2017-2020

District Account Manager

2010-2016

Staff Consultant

2005-2010

Consultant, Engineer, Manager, et al.

1971-2005

EDUCATION

University of Houston

B.S. Chemical Engineering

MEMBERSHIPS

- Power Plant and Environmental Chemistry - 1984-Present

Mr. Anthony (Tony) J. Lamonte has approximately 50 years of power plant chemistry experience. Mr. Lamonte started his career as a Chemical Engineer for Houston Lighting and Power. During his 34-year career with Houston Lighting and Power related companies (including Reliant Energy, and Texas Genco), Tony also worked as an Environmental Supervisor, Manager of the Energy Production Chemical Department, Consultant and Consulting Engineer for their fleet of stations. He coordinated steam purity monitoring programs for approximately 30 units, including conventional and heat recovery steam generator (HRSG) units. He also had the responsibility to write commodity and specialty chemical specifications and requests for proposals for these facilities. Mr. Lamonte is perhaps best known for developing the Steam Purity/Cycle Chemistry Monitoring Index and Unit Startup Monitoring Index.

Mr. Lamonte then worked as a staff consultant for Stress Engineering Services (SES). At SES Mr. Lamonte performed water treatment evaluations and failure investigations for power plants, refineries and petrochemical plants. Projects related to steam/water cycle chemistry included:

- Multiple evaluations for flow accelerated corrosion potential.
- Cycle chemistry reviews.
- An investigation of a chemistry-related HRSG tube failure.
- Feedwater treatment evaluation for a package boiler.

Mr. Lamonte also has past experience in wastewater treatment and air emissions. Environmental consulting projects at power plants while working for SES included:

- Performing a Wastewater/Ash Pond Treatment Assessment.
- Leading Outfall Mercury Reduction Task Force.
- Evaluating Flue Gas Scrubber Scaling.

Mr. Lamonte worked for Nalco Company for six years providing account management and technical support for combined cycle, conventional and nuclear power plants and chemical plants primarily in South Texas. In addition to serving his local clients, he provided technical support for and cycle chemistry reviews of other power plants served by Nalco in Texas, Louisiana, Utah, and Nevada. Mr. Lamonte worked for the KAAM Group providing consulting, chemicals, and equipment during 2017-2020 and joined STPA in 2021.