

ROBERT BATTISTA

Consulting Engineer



Robert Battista is a consulting engineer at Modality Solutions. With the engineering teams, he works with clients to ensure proper design and use of cold chain systems, writes standard operating procedures for cold chain related processes that meet regulatory requirements, drafts protocols and reports for the qualification of equipment and the validation of processes, reviews data packages for reports, and conducts in-person training for cold chain systems.

Robert has acquired expertise in the difficulties of properly operating cold chain facilities in West Africa on two separate client projects. Working on additional Modality Solutions projects, he has created new drug/sample storage site specifications, created storage site assessment materials, conducted the site assessments, and worked to mitigate risk in and enact cGDPs in active sites through the qualification of freezers and the development of SOPs, training materials, and temperature monitoring and alarm system designs.

Robert's expertise and research include reclamation of energy from pollutant bodies of water, operating characteristics of fuel cells, reaction kinetics of acetic anhydride, operating characteristics of a CO₂ absorption column, and desalination of water through reverse osmosis. His research ranges from determining statistical significance of trace heavy metal concentrations in a water shed in northern Peru to using chemical characteristics of water to determine the sourcing to a watershed in Great Basin National Park in northeastern Nevada.

Prior to joining Modality Solutions, Robert completed the Gas Quality Internship at National Fuel Gas Co. in West Seneca, New York. His responsibilities included characterizing the accuracy and precision of a network of gas chromatographs and using trend analysis to determine the efficiency of the network using six sigma techniques. In addition, he took on-site samples, readings and measurements of chromatographs as well as examined upper and lower BTU competency of machines based on archived data. His expertise and drive made him a solid addition to the Modality Solutions team.

Robert attended The Ohio State University where he received his Bachelor of Science degree in chemical engineering with a minor in physical geography. In addition, he explored principles of sustainable engineering, cellular nanotechnology, molecular genetics, and principals of engineer law.

Work Experience

Gas Quality Internship at National Fuel Gas Company

West Seneca, NY

Education

Bachelor of Science, Chemical Engineering

The Ohio State University

