

Tyler Jenkins

TylerJenkins412@gmail.com
(412) 215-1784

617 Maplewood Ave
Brunswick, OH 44212

Professional Experience

Technical Manager, Resp. Protective Equipment, Chem. Protective Clothing | ICS Laboratories, Inc. Aug 2020-Current

- Operate under all parameters necessary to meet the laboratory's ISO 17025 requirements
- Manage a team of 3 – 5 to ensure lead times are met and workflow is consistent
- Source equipment, consumables, and contractors to maintain, support, and improve the laboratory's ability to perform 120+ methods covered under the department's scope of accreditation
- Respond to customer inquiries, providing accurate quotations outlining the scope of work, costs, lead times, and required samples to perform the same
- Review and draft internal reports, ensuring accurate reporting of results and that testing adheres to the requirements of the method
- Train new laboratory personnel and review and maintain existing personnel's training logs in accordance with internal quality management system guidelines

Analytical Chemist, Resp. Protective Equipment, Chem. Protective Clothing | ICS Laboratories, Inc. June 2019-Aug 2020

- Performed testing on RPE and CPC to NIOSH, ASTM, EN, and AS/NZS standards
- Calibrated, verified, and maintained equipment and instrumentation, including GC-FID, GC-PID, conductivity probes, TSI photometric and CNC products, and gas analyzers
- Handled, stored, and inventoried hazardous compounds including compressed toxic gases
- Analyzed data and results to produce test reports

Applications Lab Technician | The Lubrizol Corporation: Advanced Materials Apr 2018-June 2019

- Analyzed physical properties of latex emulsions (e.g. viscosity, surface tension, total solids, shear stability, heat sensitivity, salt stability)
- Saturated and cured paper and non-woven substrates with experimental binders, subsequently testing the physical impact imparted on the substrate (e.g. stiffness, tear, color, tensile strength, elongation, water resistance)
- Analyzed peel strength of pressure sensitive and heat seal adhesives on fabric and foil substrates
- Designed and modified test methods and developed relevant SOPs
- Maintained inventory and stock of 550+ chemicals

Education

Case Western Reserve University | Magna Cum Laude

- Bachelor of Science in Chemistry
- Secondary Degree in German Studies

Societies & Memberships

- ISRP (International Society of Respiratory Protection) – America's Section Director June 2023-Current
- ASTM F23 Subcommittee on PPE – General Member Jan 2020-Current
 - Recipient of "Emerging Professional" designation (May 2022)

Publications

Structural Data Showing the Existence of LDI Bonds between the Rings of Dimeric Cofacial Siloxysilicon Phthalocyanines

B.W. Sturtz, C.E. Moore, T.S. Jenkins, J.L. Miller, C.D. Momberger, A.L. Rheingold, M.E. Kenney *The Journal of Physical Chemistry: Part A, Section A*