

Matthew McGarrity



Matthew.mcgarrrity@cora.consulting

Education

YALE UNIVERSITY

Master's in Public Health: Analytical Methods of Epidemiology & Environmental Health Science

GRADUATION: MAY 2023

PENNSYLVANIA STATE UNIVERSITY

Energy, Business, & Finance

GRADUATION: MAY 2010

Work Experience

FOUNDER & PRINCIPAL CONSULTANT – CORA CONSULTING LLC

August 2021 – Present

Provide compliance, quality, & brand protection best practices to retailers, brands, & manufacturers.

Core Services Include:

- **Regulatory Tracking & Interpretation:** Provide regulatory interpretations & relay critical updates. Elucidate potential impact on client's product lines. Present feasible & efficient mitigation strategies.
- **Product Risk Assessment:** Review a product's function, composition, intended user & other key attributes to identify inherent physical & restricted substance hazards.
- **Reasonable Testing Program:** Develop framework, documentation, & processes needed for an efficient compliance & quality program including testing, audits, and inspections.
- **Vendor Management:** Train client's vendors on applicable regulations & the expectations of client's quality program. Establish a vendor quality surveillance program, holding vendors accountable for meeting agreed quality levels before & after initial marketing.
- **Failure Analysis:** Proficient in Root Cause Analysis (RCA) and Fault Tree Analysis (FTA) for identifying and addressing faults in product lines and processes, using systematic and deductive methods. Skilled in implementing effective corrective actions and risk mitigation strategies, enhancing product safety and reliability through detailed event analysis and Boolean logic application.
- **Restricted Substances, Environmental Health and Safety (EHS):** Assists clients in reviewing their products to ensure compliance with the latest restricted substance and EHS requirements. Proficient in navigating key regulations such as CA Prop 65, EPA, and OSHA, ensuring products meet current environmental and safety standards.
- **Epidemiological and Public Health Data Analysis:** Conduct both stratified descriptive and inferential analyses to discern statistically significant patterns and trends in product and user interaction. Leverage relevant epidemiological studies and CPSC recalls where applicable.
- **Test Method Design:** Rigorous testing procedure development to simulate real-world user interaction, validating findings, and mitigating future field failures.

Industry Experience

ASTM COMMITTEES

Committee F23 – Biological

Committee F40 – Declarable Substances

Subcommittee F23.40 – PPE

Committee G01 – Corrosion

Committee F15 – Consumer Products

Subcommittee F42 – Furniture Safety

Committee E11 – Quality and Statistics

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Work Experience (Continued)

GLOBAL HARDLINES TECHNICAL MANAGER

January 2012–June 2021

SGS North America Inc. | Fairfield, New Jersey

Lead North American technical resource that managed SGS's international network of technical experts & test engineers, responsible for ensuring laboratory consistency and technical excellence across the SGS consumer product testing network.

Core Responsibilities Included:

- Serving as the primary technical liaison representing SGS in collaboration with government agencies/organizations such as the CPSC, FDA, EPA, & the CDC.
- Representing SGS in standard development organizations & industry committees such as ASTM.
- Advising consumer product manufacturers regarding relevant safety standards, regulations, and sourcing criteria in devising testing, audit and inspection programs.
- Having a deep understanding of relevant product testing standards and certifications such as OSHA, NSF, UL, & CSA.
- Interpreting product safety regulations including, CA Prop 65, TSCA (formaldehyde), FDA food contact materials (FCM), & EU REACH.
- Serving as the designated key client communicator entrusted with relaying critical industry updates & participating in over two dozen webinars & panels.
- Regularly providing hands-on training to technicians on product testing and certification documentation evaluation including PPE and medical devices,
- Facilitating the development of several ISO 17025 accredited consumer product laboratories.
- Drafted 100's of test protocols, standard operating procedures (SOPs) and test methods.

TECHNICAL DIRECTOR – COVID-19 PPE TASK GROUP

January 2020–June 2021

SGS North America Inc. | Fairfield, New Jersey

Chaired an international team of 15+ experts in restricted substances, microbiology, material science, & strategic sourcing. Tasked with expanding SGS's COVID-19 pandemic preparedness & response services in the United States, EMEA, & LATAM.

Core Responsibilities Included:

- Rapidly organizing global inspections & laboratory operations, increasing the capability of medical PPE-related services in months ahead of the COVID-19 pandemic.
- Performing an initial global capability gap analysis, ensuring efficient resource allocation.
- Providing manufacturers, retailers & other industry stakeholders assistance with medical PPE technical training, regulatory considerations, & applicable safety standards.
- Collaborating with the U.S. CDC & FDA on developing PPE safety standards.

Achievements:

- Facilitated an ad-hoc industry committee developing "AATCC Monograph M14", the first North American mask manufacturing guidance document, which the World Health Organization endorsed.
- Advised White House Coronavirus Task Group on best practices regarding PPE supplier validation, fraud prevention, & counterfeit test reports.
- Task group efforts initiated SGS as the market leader in PPE & pandemic response services.