

ROOT CAUSE ANALYSIS IN CHEMICAL MANAGEMENT

FOR TEXTILE & FOOTWEAR SUPPLIERS

Within the textile and footwear supply chain, many of the manufacturing processes such as textile dyeing, printing, finishing and footwear production are chemically intensive. The inappropriate use of these chemicals or unsuitable manufacturing practices may result in potential risks of non-compliance to restricted substances requirements, or lead to environmental non-compliance at the point of discharge.

Repeated restricted substance failures at the production level and the inability to identify the root causes of the problem prevents the manufacturer from formulating a corrective action plan to address the core issues. This precludes the factory from making continual improvement on chemical management.

ADDRESSING YOUR TECHNICAL GAPS

SGS Root Cause Analysis in Chemical Management is designed to highlight high risk restricted substances that are used within the manufacturing process. With this customized technical consultancy service, brands and their suppliers can focus on one or several chemical parameters of which they have concerns or have had previous failures.

ON-SITE FACTORY VISIT AND CHEMICAL TESTING

This customised solution consists of an on-site factory visit and a chemical testing solution for chemical formulations, components and final products sampled on-site. We will assist our customers by:

- Validating chemical input at each production stage with reference to the documents provided by the factory
- Identifying root cause(s) that contribute to the technical gaps
- Proposing an action plan for improved usage of chemicals in the factory

During on-site visit SGS will carry out:

- A production line tour with the factory management to ascertain that the documents provided by the factory reflect the actual production. This will help the SGS expert to identify apparent technical gaps in chemical management.
- On-site sampling of chemicals, components and finished products will occur at this stage. These samples will be sent to the nearest SGS programme approved laboratory for chemical analysis to determine whether any hazardous chemicals are present in the production process and at which part of the process they are being used.



BENEFITS OF ROOT CAUSE ANALYSIS

By combining the **on-site visit** findings and analytical **chemical results**, SGS will issue a finding report that will:

- Identify potential high risk hazardous substances that may be used within the production
- Identify and address technical gaps or weak points that may be present within the production
- Evaluate the root cause(s) for corrective actions

The report containing recommendations will enable the factory to set a baseline for making future improvements.

AWARENESS TRAINING

Awareness training for the suppliers will be part of this consultancy solution. The training will be conducted at the end of the on-site visit so that SGS experts can address technical gaps that were found during the visit.

This awareness training will focus on the **fundamentals of chemical management** specifically for the textile or footwear manufacturing processes. Delivered by SGS technical consultants, the training is designed to be **dynamic** and **interactive** to allow the participants to voice their concerns and address their knowledge gaps so that they can participate in future improvements.

ABOUT SGS

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With more than 90,000 employees, SGS operates a network of over 2,000 offices and laboratories around the world.

SGS Global Softlines has an extensive network of over 40 laboratories worldwide, with a strong team of committed professionals from multi-disciplinary backgrounds. Our internationally accredited state-of-the-art testing laboratories offer a comprehensive range of physical, chemical and functional testing services for components, materials or finished products. We help your company ensure the quality and performance needs and comply with international, industrial and regulatory standards worldwide.

CONTACT US

To learn more about this service, please contact our representatives.

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DRIVING CONTINUAL IMPROVEMENTS TOGETHER WITH SGS

