In the current textile and footwear industry, large amounts of chemicals are used annually. Many of these chemicals may be hazardous. There is potential risk to workers during manufacturing and finished articles may pose risks to retailers, consumers and the environment. Currently,

- For brands and retailers, there is no easy-to-use model and tool in the industry to allow buyers to diagnose and benchmark the whole supply chain on chemical management.
- For mills and factories, there is no practical and easily understood model and tool for them to perform self-check and identify space and available resources for improvement.

To tackle this challenge, SGS developed a practical tool – Chemical Performance Benchmarking and Improvement Program (4C Model). It is structured and designed by focusing on 4 different aspects of chemical management and identifying the key elements in each of them. 4C Model was developed to assess the suppliers’ chemical management performance by asking about some fundamental behaviors and problems via an online platform.
**4C MODEL CHEMICAL MANAGEMENT PERFORMANCE BENCHMARKING AND IMPROVEMENT PROGRAM**

**IMPROVE YOUR CHEMICAL MANAGEMENT PERFORMANCE THROUGH A BEHAVIOR APPROACH**

- **Comprehensive System**
  - How to keep updated and make continuous improvement?
  - How to stand at the forefront to stay resilient and competitive?

- **Commitment**
  - Why should I do it?
  - Is it worth doing it?
  - What are the value and benefit?

- **Critical Control Point**
  - Where and when should I start?
  - What are the tools, guidelines and best practice and how to implement?

- **Competence**
  - Who can do it?
  - Do they have the necessary knowledge, know-how?

- **Identify** your typical behaviors in chemical management and **understand** your current stages
- **Look** at yourself and your supply chain in the ‘mirror’ of the 4C Model and look for **better behaviors and practices**
- **The 4C Model** is just the first step and our Holistic Solutions such as **Training**, **Assessment** and **Implementation** can guide you or your suppliers through the continuous improvement process to overcome the chemical management challenges in an **easily understood, practical and systematic way**.

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**STEP 1**
Identification of Typical Behaviors and Performance using the 4C Model

**STEP 2**
Receive Reports with Suggestions and Available Resources for Improvement

**STEP 3**
Implementation of The Improvement Plan

**RESULT**
Higher Performance of Chemical Management

SGS
4C MODEL CHEMICAL MANAGEMENT PERFORMANCE BENCHMARKING AND IMPROVEMENT PROGRAM

IMPROVE YOUR CHEMICAL MANAGEMENT PERFORMANCE THROUGH A BEHAVIOR APPROACH

BENEFITS TO MILLS AND FACTORIES

- Easily Understood Model Through Behaviour Approach - Easy to integrate into daily operation
- Enhance Technical Competence - Acquire knowledge and enhance technical competence for building up chemical management system and improve performance
- Chemical Control - Facilitate an effective chemical control system at the upstream level to reduce product safety risk at the first step
- Continual Improvement - Encourage the mills and factories to make continual improvement on every stage of manufacturing
- Best Practices - Use the acquired knowledge in the factory to make positive changes by strengthening the chemical management along the supply chain

BENEFITS TO BRANDS & RETAILERS

- Performance Benchmarking in an Easy Approach - Facilitate benchmarking the performance of suppliers as the basis for continuous improvement
- Identify Space for Improvement with Flexibility
- Master Technical Competence in Supply Chain - Control that the safe use of chemicals is understood by each member of the supply chain
- Traceability & Transparency - Increase chemical management traceability via tracking and recording, making the supply chain transparent
- Assessment, Training, Implementation - application of 4C Model in a systematic approach

ABOUT SGS

Headquartered in Switzerland, SGS is the world’s leading inspection, verification, testing and certification company. Founded in 1878, SGS is recognised as the global benchmark in quality and integrity. We operate a network of over 2,400 offices and laboratories around the world with nearly 95,000 employees.

SGS Global Softlines has an extensive network 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 program, please contact our representatives for more information

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