

# HAZARDOUS SUBSTANCE PROCESS CONTROL (HSPC) AUDIT

Long-term contact with hazardous chemical products causes considerable adverse effects to human health. Meanwhile, the use and disposal of chemical waste in the manufacturing industries have harmed global environmental and ecological systems. In view of the significant impact of some chemicals, various regulations/directives have been established to protect consumers and the environment. Manufacturing often involves numerous chemicals, and meeting all those requirements is not an easy task.

SGS has integrated extracts of the widely adopted requirements, including 2002/95/EC (RoHS)\* and EC 1907/2006 (REACH)\*\*, into a specific audit named the Hazardous Substance Process Control (HSPC) audit. It measures the compliance level of chemical management systems according to relevant regulations/directives and clients' requirements.

\*RoHS – Restriction of the use of six hazardous substances in electronic manufacturing by the European Union

\*\* REACH – Requirement for EU manufacturers and importers to collect property information on chemical substances and register it to a database .

The HSPC audit verifies the effectiveness of control systems and identifies any contamination risk during production. It is a proactive action towards product compliance with EU requirements. It helps organisations minimise the risk of violating the law, which contributes to a company image of ecological responsibility. This increases your competitive advantage in the market and hence increases potential business.

## AFTER THE ASSESSMENT, SGS WILL BE ABLE TO TELL YOU ABOUT THE FACTORY'S PERFORMANCE AND WHETHER:

- Manufacturing processes are clearly defined, controlled, and validated to ensure the control of the restricted hazardous substance and the minimisation of contamination risk;

- The requirement is fully understood by factory management and designated parties;
- The requirement is unambiguously communicated to all relevant parties including suppliers and customers;
- The existing internal evaluation is adequate;
- Corrective actions are implemented and effective;
- Testing equipment and procedures are reliable.

## WHAT DOES THE HSPC AUDIT COVER?

- Systematic approaching to manage hazardous substances
- Product design and development process
- Supply chain management
- Material incoming inspection and warehouse control
- Process control and final product control
- Non-conformance control and corrective actions
- Test facilities

## SGS SERVICES:

### 1. AUDITING

- Scores are given to each item in the checklist. The weighting of each item depends on its impact on the whole management system. An overall score is then calculated.
- A conclusion such as 'Satisfactory', 'Acceptable but improvement needed', or 'Unsatisfactory' is given to reflect the compliance level. Any discrepancies found between the standard of HSPC and the actual situation, corrective and preventative action will be recommended.

### 2. TRAINING

- A comprehensive illustration of hazardous chemical requirements is provided.
- Helping you to better understand the hazardous substance control system.

## WHY SGS?

- SGS is the global leader and

innovator in inspection, verification, testing, and certification services;

- SGS has experience of conducting thousands of audits against third-party, industry and clients' specific codes and social compliance programmes;
- SGS has one of the largest networks of highly trained auditors, with industry-specific experience and first-hand knowledge of local conditions and norms. Our global network of auditors enables a quick and cost-effective response in most major manufacturing areas;
- SGS assists clients in developing and executing social compliance programmes on a sustainable basis;

## CONTACT US

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# 有害物质过程控制审核

长期接触含有危险化学品成分的产品会对人体的健康产生极大的副作用。而且，制造业中的危险废弃物的不当使用和处理也给全球环境和生态系统带来危害。鉴于化学品的危险性，各国都颁布了各种规定和指令来保障顾客的健康，保护环境。生产过程涉及到种类繁多的化学品，要满足所有的要求是一项艰巨的任务。

SGS综合了一些普遍采用的要求，包括2002/95/EC (RoHS)\*和 EC 1907/2006 (REACH)\*\*等，建立了一套名为有害物质过程控制 (HSPC) 的审核项目。HSPC审核根据相关的规定/指令和客户的要求对企业的化学品管理体系的合规性进行审核和评估。

\*RoHS – 欧盟《关于限制在电子电器设备中使用的6种有害成分的指令》

\*\* REACH – 欧盟对进入其市场的所有制造商和进口商对化学品进行信息收集和注册的法规。

HSPC审核将验证企业管理体系的有效性，并确定生产过程中所有可能出现的污染。HSPC审核是一项使您的产品符合欧盟要求的积极措施，可以帮助您降低违法的风险，塑造良好社会责任企业的形象，增强企业竞争力，开拓国际市场。

## SGS HSPC审核的益处

通过SGS HSPC审核，您将获悉您的工厂在以下几个方面的表现：

- 是否有对生产流程进行了明确的规定和控制，并且确保有害物质得到了有效控制，污染可能性降低；
- 工厂管理层是否了解相关要求，是否有指定相关负责人；

- 所有相关方，包括供应商和顾客是否对要求进行良好的沟通；
- 是否有进行充分的内部评估；
- 是否有效地实施了改善措施；
- 是否具有可靠的测试设备和流程。

## HSPC审核的内容

- 管控有害物质的系统
- 产品设计和开发过程
- 供应链管理
- 来料质量控制和仓库管理
- 过程控制和成品控制
- 不合格品控制和改善措施
- 测试设备

## SGS的服务

### 1. 审核

- SGS将根据HSPC审核清单上的每一项来进行审核和评分。每一项的分数取决于其对整个管理系统的重要程度，最终计算出一个总得分。
- 最终的审核结果分为三种：满意、可接受但需要改进、不满意。如工厂的实际情况与HSPC要求存在差距，则需要制定改善和预防措施。

### 2. 培训

- SGS可以为您提供全面的有关危险化学品的培训课程。
- 帮助您增加对有害物质控制体系的了解。

## 为什么选择SGS

- SGS是全球检验、鉴定、测试和认证服务的领导者和创新者。
- SGS有着丰富的经验，依照第三方和客户提出的具体要求进行过数以万计的专业审核。
- SGS有着庞大的审核员网络，这些审核员都受过高等教育和专业培训，在相关行业有着具体的经验，同时熟知本地特点和规范。
- SGS为企业提供免费建议性的改善措施，可以采纳和实施企业现有的审核计划，也可以针对企业的业务需要建立一个新的有针对性的审核计划。

## 联系我们

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WHEN YOU NEED TO BE SURE

SGS