

工业卫生成熟度阶梯介绍

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话题

工业卫生成熟度阶梯概述

落实工业卫生管理要素



个人简介

目前职位: 强生外部供应链EHS经理

从事15年医药与化工EHS工作。

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工业卫生成熟度阶梯

- IH成熟度模型的建立有四个阶段:

初始阶段

发展阶段

实施阶段

领导阶段

- 模型有助于落实IH体系的每个要素。
- 可用于对IH体系实施的程度进行自我评估，以及给与我们一个未来发展的方向。
- 此版本主要侧重于化学物质的暴露评估控制和听力保护程序。
- 此IH成熟度模型覆盖了以下方面:
 - 化学物质管理
 - 风险评估
 - 暴露定量评估
 - 个体防护用品管理
 - 医学监护
 - 暴露控制/密闭措施
- 下一个版本将进一步包括物理和生物危害因素。

工业卫生成熟度阶梯

- 此版本还介绍了IH方面管理体系的因素。
 - 指定专人管理IH
 - 为管理层和涉及IH的支持部门设立培训项目
 - IH的操作程序和本地法规的符合性
 - 被变更管理包括
 - 体系的有效性评估
 - 自我评估程序。识别缺陷和不足以持续改进
- 每一个要素的具体实施会提供参考和工具予以支持，并可在PSCI的链接页面中获取。

举例: 每一个操作步骤的风险评估被文件记录，或使用基于风险的评估方法（**工具名称**）。

工业卫生成熟度阶梯

IH Maturity Model		Level	
Aspect	Starting	Developing	Implementing
Management System	<p>General hygiene practices implemented related to smoking, drinking, and eating at the workplace, as well as, washing hands, changing work clothes.</p> <p>Site Management and supporting functions (project & process engineers) received an overview training on Industrial Hygiene and the impact they can have. A person has been designated to manage the industrial hygiene program.</p> <p>The organization has conducted an assessment to understand compliance with local regulations.</p>	<p>Designated IH person started training and IH qualification to fully manage the industrial hygiene programs. IH programs administration and/or implementation is supported by competent external consultant.</p> <p>The organization has developed and implemented an action plan to ensure compliance with the requirements of the local legislation.</p> <p>The organization has developed an overview and understanding of the detailed requirements of the local relevant IH legislation & medical surveillance.</p>	<p>Designated IH person is fully qualified to manage the industrial hygiene programs supported by competent external consultant.</p> <p>IH Procedures in place</p> <p>Business process has a business manager responsible for IH.</p> <p>There's a process in place to self assess the organization's industrial hygiene performance. Basis industrial hygiene metrics are in place.</p>
Chemical Substance Management	<p>Employees are trained in Chemical Hazard Classification, Labeling, and Packaging (CLP) or Hazard Communication. Training must include: chemical and physical hazard classification, GHS pictograms and how to interpret them, what is a SDS and its content, chemical labeling-including containers and piping and labeling requirements within the workplace to be followed and supported by all employees, and how to react in case of chemical exposure. Training must focus in potent or high risk substances in used in the workplace, such as: active pharmaceutical ingredients, carcinogens, reproductive toxins, mutagens.</p>	<p>Employees receive new training during the introduction of a new product or new pharmaceutical ingredient (API). Training includes: hazard information, occupational exposure limit(s), designated PPE, and engineering controls to be used.</p> <p>Safety Data Sheets are available for chemicals and mixtures in use and stored. SDSs are available on request 24 hrs a day.</p> <p>Each chemical and mixture container (tank, drums, pail, bag, bottle, etc) has a label that identifies its contents (name of the substance) and lists specific health & safety information (at least by the use of GHS pictograms).</p>	<p>A formal procedure (process) must be in place to identify and assess potential hazards before introduction on site. Evaluate and control potential hazards from flammable, explosive, and/or substances with health hazards.</p> <p>An inventory of chemicals and mixtures is maintained and updated.</p> <p>All chemicals at the site are properly stored and labeled according to their hazard classification: flammables and combustible liquids, oxidizers, and/or corrosives.</p>

(草稿版截图)

落实一个完整的工业卫生管理体系



- 工业卫生管理包含诸多要素
- PSCI IH 小组查阅了2019年审核报告，结果显示：
 - 工业卫生的各种要素问题常见并广泛存在。
- 因此，IH小组决定对IH管理体系的落实提供全面概述。
 - 风险评估是各管理要素落实的基础，从这一步开始介绍，如何应用于落实后续的其他要素。
- 做好风险评估可导致：
 - 成功地落实其他所有要素的落实，
 - 管理监督和计划，以及
 - 长期可持续。

相关在线课程推荐

名称	培训伙伴	具体信息/报名注册
定量评估	Safebridge	https://www.safebridge.com/training/159452/evaluating-the-hazards-of-pharmaceuticals-quantitative-product-safety-assessments-(pdes,-ades,-hbels)
工业卫生基础	Safebridge	https://www.safebridge.com/training/159466/industrial-hygiene-fundamentals-series
定性评估 (OEBs & OHCs)	Safebridge	https://www.safebridge.com/training/159454/evaluating-the-hazards-of-pharmaceuticals-qualitative-occupational-assessments-(oeb--ohcs)

