工作指示: 化学品和材料黑名单 chemical and material blacklist							制印:	
文件编	文件编号: WI813 发行编号: 1 实施日期:2017/02/10							' 30
编制	刘四约	维	审核	区富泽	羊	批准	-	王娟
发行号		修	改内容		编制	审核	批准	实施日期
1	首次发	行			刘四维	区富洋	王娟	2017/02/10

工作指示:	工作指示: 化学品和材料黑名单 chemical and material blacklist				
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页数:	2/30

1. 目的

本化学品和材料黑名单上所列出的是被禁用的、限制使用的、或以逐步淘汰目标而被减少 使用的物质。此外,它确保不应用不良的物质,除非是已对这些物质进行了全面彻底的考量。 本文件是公开的。

1. Purpose

The Chemical and Material Blacklist listing substances that are prohibited, restricted or targeted for reduction with the aim of phasing out their use. Furthermore, it ensures that undesirable substances will not be applied unless they have been thoroughly considered. This document is Public.

2. 范围

本化学品和材料黑名单适用于在我们的产品中使用的,用来测试、维护或服务我们的产品 的,用于我们的生产和建筑物中的,以及用于顺特电气设备有限公司(以下简称顺特)所有业 务单位中的化学品和材料。

本黑名单直接适用于所有的化学品和材料。所有办公室材料都不包括在内。

在顺特,化学品和材料黑名单中的要求被视为最低要求。在化学品和材料评估和审批中, 要遵守所有国内和国际法律和法规。

2. Area of Validity

The Chemical and Material Blacklist is applicable for chemicals and materials used in our products, for testing, maintaining or servicing our products, in our production and in our buildings, in all business units of Sunten.

This applies immediately to all chemicals and materials. All office materials are excluded.

The requirements in the Sunten Chemical and Material Blacklist are to be considered as minimum requirements. All relevant national and international laws and regulations are to be observed in the assessment and approval of chemicals and materials. **3.** 生效

顺特化学品和材料黑名单第1版自2016年10月1日生效,并适用于所有尚未在顺特使用的、 新引进的化学品和材料。

根据第1版被禁用、但在顺特在使用的化学品和材料必须有逐步淘汰的行动计划。该事由 各工艺室负责。行动计划必须在2016年12月1日前准备好。2016年12月必须对受限制使用的材 料和化学品进行是否可能使用替代产品的评估(参考9.3.2)。评估——若适用的话含行动计划 ——必须在2016年12月1日前准备好。2016年12月所有行动计划和评估必须发给公司工艺首席工 程师。安委会与质量监理室有责任跟进行动计划。

3. Coming into force

This 1st edition of the Sunten Chemical and Material Blacklist is valid from 1. Oct 2016 for all newly introduced chemicals and materials that are not already in use in Sunten.

Chemicals and materials already in use in Sunten, that are prohibited according to the 1st edition must have an Action Plan for phasing out. Each Process Office is responsible for it respectively. This Action Plan must be prepared by 1. Sep 2016.

工作指示:	工作指示: 化学品和材料黑名单 chemical and material blacklist					
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页数:	3/30	

Restricted Materials and Chemicals must be evaluated for the possibility of using an alternative product (see 9.3.2) in December 2016. Evaluations - and if applicable Action Plans - must be prepared by 1. Dec 2016. All Action Plans and evaluations must be sent to the Chief Process Engineer. The Safety Board and the Quality Supervision Office have the responsibility for following up on Action Plans.

4. 定义和术语

见附录1

4. Definitions and terms

See Annex 1.

5. 岗位职责和责任

总工程师和产品总监、运营支持总监在他们的组织内负责进行化学品管理。

顺特的每个员工都有责任阻止引进或使用在化学品和材料黑名单中被禁止的任何化学品或材料。

对于包含受控化合物的化学品和材料,在采购和使用之前,必须通过顺特对《供应商管理 程序》、《采购过程控制程序》的放行程序进行审批并通过。

未能遵守此程序则违背适用法律,并会导致行政处罚和/或法律诉讼。

如果有必要通过此程序引进一种受限制的化学品或材料,关于该受限制化学品的需求情况,该化学品或材料的请求引进人有责任形成记录文件。该文件必须包含全面的HSE (健康、

安全和环境)评估,成本效益分析,以及总工程师和首席工艺工程师签名的逐步淘汰计划。 在顺特,供应商管理部要负责以下事项:

• 对于所有要签署的采购协议,添加关于顺特化学品和材料黑名单的要求。

• 只采购满足本化学品和材料黑名单要求的化学品和材料。

首席工艺工程师/安委会与质量监理室有责任进行以下事项:

• 根据明确的审批标准对3E MSDS数据库中的化学品进行审批。

• 就HSE(健康、安全和环境)方面的问题提供支持。

在《危险化学品环境/安全管理程序》中,可以看到关于职责和责任的更详细描述。

5. Accountabilities, responsibilities

The Engineer in Chief, the Director of Product and the Director of Operations are accountable for Chemical Management within their organisation.

Every person in Sunten is responsible for preventing the introduction and application of any chemical or material that is prohibited according to the Sunten Chemical and Material Blacklist.

Chemicals and materials containing regulated compounds must be approved and released before purchase and use via the Sunten release for purchase process, such as <Supplier Management Program> and <Procurement Process Control Program>.

Failure to adhere to this process constitutes a breach of applicable laws and can result in disciplinary and/or legal action.

If it is necessary to introduce a restricted chemical or material via this process, the requester of the chemical or material is responsible for documenting the need for the restricted chemical. This documentation must include a thorough HSE evaluation,

工作指示:	工作指示: 化学品和材料黑名单 chemical and material blacklist				
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页 数:	4/30

a cost-benefit analysis and a phase out plan signed by the responsible the Engineer in chief and the Chief Process Engineer.

at Sunten, Supplier Management Dept. is responsible for:

• Adding requirements about the Sunten Chemical and Material Blacklist to all purchase agreements that are to be signed off.

• Only purchasing chemicals or materials that fulfil the requirements of the Chemical and Material Blacklist.

The Chief Process Engineer /The Safety Board and the Quality Supervision Office are responsible for:

 \bullet Approving chemicals in the 3E MSDS database according to defined approval criteria.

• Supporting the organisation in HSE questions.

A more detailed description of the roles and responsibilities can be found in the process <Hazardous Chemical Environment/Safety Managerment Program>.

6. 顺特化学品和材料的审批

新的化学品和材料的主张使用人负责申请,其主管负责校核,首席工艺工程师负责审核, 总工程师负责审批。

在顺特化学品和材料黑名单中被列为禁用的化学品和材料不可得到顺特的审批通过。被列 为受限制使用的化学品和材料仅可以得到有条件的审批通过。

在将化学品和材料引进顺特时,应选择对环境和人员健康影响最少的化学品或材料。 顺特遵循的优先次序如下:

•选择危害较低的化学品/材料(例如:可以用水基涂料替代溶剂基涂料)

• 评估风险,并优化工作流程与环境,使与化学品/材料相关的风险得以消除或最小化(例如:身体接触,吸入等)

• 规定/使用个人防护设备(PPE),以预防或限制暴露于危险之中。

如果在本组织内,关于是否应审批或不审批某种物质有任何分歧(例如:生产运行需要快速审批),在要求人提出要求的情况下,可以举行所有当事方参加的小范围的特别会议来决定后续步骤,并形成文件。

随后,由安委会、质量监理室牵头组织相关部门经理、各工艺室主管、首席工艺工程师、 产品总监及总工程师做出最终决定。

6.1 材料的审批

正如顺特的每位员工都有责任确保被引进顺特的任何化学物不是顺特化学品和材料黑名 单上禁用的,此规定同样适用于可能含有潜在地被禁用或受控制化合物作为某种成分的各种采 购材料。在这种情况下,应采取预防措施。

这样的材料的例子可能是:

- 含有禁用阻燃剂的塑料或电缆。
- 用受控制的重金属做表面处理的部件(例如: Cr(6))
- 包含石棉的摩擦和绝缘材料
- 包含消耗臭氧层物质的冷却系统
- 包含甲醛等的地板。

工作指示:	. –		料黑名单 aterial blacklist	控制印:	
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页 数:	5/30

在有疑问的情况下,应联系化学品批准人以得到关于有疑问材料的建议。

6. Approval of Chemicals and Materials in Sunten

The requester of the new chemicals and materials hands in the application, the supervisor is responsible of the check, the Chief Process Engineer is responsible of the audit, the Engineer in Chief is responsible of the approval.

Chemicals and materials cannot be approved in Sunten if they are listed in the Sunten Chemical and Material Blacklist as prohibited. If they are listed as restricted they can only be conditionally approved.

When introducing chemicals and materials to Sunten, the chemical or material with the least impact on the environment and personal health and safety shall be selected. The Sunten prioritisation order to be followed is:

• Choose the less hazardous chemical/material (e.g. an alternative to solvent-based paint could be water-based paint)

• Assess risk and optimise the work process and environment to eliminate or minimise risks related to the chemical/material (e.g. physical contact, inhalation)

• Prescribe/use Personal Protective Equipment (PPE) to prevent or limit exposure to risks.

If there are any disagreements within the organisation about whether a substance should be approved or not (e.g. swift approval is needed for production), at the request of the requester a local ad-hoc meeting can be held with all parties involved to decide on and document the next steps. The final decision will then be made by an ad-hoc committee called by The Safety Board and The Quality Supervision Office. The Engineer in Chief, the Director of Product, the Chief Process Engineer, the relevant Manager and the relevant process supervisor should be present at it.

6.1 Approval of Materials

Just as every person in Sunten is responsible for making sure any chemicals introduced to Sunten are not prohibited according to the Sunten Chemical and Material Blacklist, the same applies for every material purchased that might contain a potentially prohibited or regulated compound as an ingredient. In this case, precautionary measures shall be taken.

Examples for such materials might be:

- Plastic or cables containing prohibited flame retardants
- Components that are surface treated with regulated heavy metals (e.g. Cr (6))
- Brakes, insulating materials containing asbestos
- Cooling systems containing ozone-depleting substances
- Floorings containing formaldehydes etc.

In case of doubt, the Chemical Approval Person4) shall be contacted to seek advice on the material in question.

工作指示:			料黑名单 aterial blacklist	控制印:	
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页 数:	6 / 30

在所有采购协议(PA)中,包括技术采购规范(TPS)中,必须声明以下内容:

"供应商有义务确保,在任何时候为顺特提供的产品或服务中使用的材料和化学品都满足 本化学品和材料黑名单中的要求。

被适用法律禁用的或本化学品和材料黑名单中列出的化学品和材料不得出现在提供给顺 特的产品或服务中。

本化学品和材料黑名单中受限制的化学品和材料,需依据适当的逐步淘汰计划,才可以出 现在提供给顺特的产品或服务中。

在"<u>http://www.sunten.com.cn/jszx/txgl/</u>(或<u>http://202.104.26.69/</u>)"网址, 可以查看持续更新的化学品和材料黑名单。

向顺特供应的化学品必须带有满足法律要求的并以当地语言书写的材料安全数据表(MSDS)。更新的材料安全数据表在发布后应立即发给顺特。

供应商必须标示并管理那些如果被泄漏到环境中会对工人和社区造成某种危害的化学品 和其他材料,并且必须确保对这样的材料进行安全的操作、移动、存储、回收或重复使用、以 及处置。供应商应采取措施预防危害物质的意外泄漏,以及对当地社区的不良环境影响。

7. Supplier's obligations

The following must be stated in all purchase agreements (PA), incl. Technical Purchase Specifications (TPS).

"The SUPPLIER is obligated to ensure that materials and chemicals used in products or services delivered to Sunten at any point in time fulfil the requirements stated in the Chemical and Material Blacklist.

Chemicals and materials prohibited by applicable law or set out in the Chemical and Material Blacklist must not be present in products or services sold to Sunten. Chemicals and materials that are restricted in the Chemical and Material Blacklist can only be present in products or services sold to Sunten in accordance with phase out plans in place.

The continuous updated Chemical and Material Blacklist can be found on "http://www.sunten.com/cn/iszx/txgl".

Chemicals supplied to sunten must be delivered with Material Safety Data Sheets (MSDS) fulfilling legal requirements and in the local language. Updates of MSDS must be sent to Sunten immediately after release.

The SUPPLIER must identify and manage chemicals and other materials posing a hazard to workers and the community if released into the environment and must ensure safe handling, movement, storage, recycling or reuse, and disposal of such materials. The SUPPLIER shall work to prevent accidental releases of hazardous materials and adverse environmental impact on the local community.

工作指示:	工作指示: 化学品和材料黑名单 chemical and material blacklist				
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页数:	7 / 30

8. 用于遵守顺特化学品和材料黑名单要求的文件

用于化学品审批的文件(批准日期、批准人姓名、批准表单和物料安全数据表(MSDS)) 将在文件系统中归档。

对于不要求MSDS,但顺特需要关于所涉及化合物完全说明的材料,顺特将要求供应商提供 关于材料组成的完整说明。将部件/组件引入顺特的人有责任遵守顺特化学品和材料黑名单的 规定。

如果供应商不能交付一份完整的材料声明,供应商必须签署一份执行顺特化学品和材料黑 名单的协议。我们将不定期对供应商进行审查,如果供应商不符合我们的标准,会导致供应商 失去其已通过审批的资格。

8. Documentation for compliance with Sunten Chemical and Material Blacklist

Documentation for the approval of chemicals (date for approval, name of approver, approval form and MSDS) will be filed in the documentation system.

For materials where a MSDS is not required but Sunten needs full clarification on the compounds involved, Sunten will seek a full declaration of the material content from the supplier. The person who introduces the part/component into Sunten is responsible for compliance with the sunten Chemical and Material Blacklist.

If the Supplier is not able to deliver a full material declaration, the supplier must sign an agreement of fulfilment to the Sunten Chemical and Material Blacklist. Suppliers will occasionally be audited and noncompliance to our standards can lead to a loss of their approval status.

9. 顺特化学品和材料的黑名单

顺特化学品和材料黑名单被分入四个表格,详见附录2:

9.1 图表1、2和3

这些表格列出被分类为致癌的、致突变的、有毒的或对生殖有害的物质或材料,或被分类 为对身体或环境有害的物质或材料。这些禁用或限制基于整个产品的分类,而不是基于物质中 某单一成分。

在这些表格中使用的分类依据CLP(物质和混合物的分类、标签和包装)的有效版本,而 CLP基于联合国全球协调制度(UN GHS)、ACGIH(美国政府工业卫生学家会议)、IARC(国际 癌症研究机构)、以及世界卫生组织的癌症研究机构的研究结果。

9.2 表4

因当前的法律要求或正起草的法律要求,因显示严重健康和安全风险的分类或因被维斯塔 斯管理层认定而被禁用的或限制的化学品和材料。

在"参考文献"章节中列出了顺特化学品和材料黑名单所依据的法律要求或协定。

在可用的情况下,按照CAS号(化学文摘登记号)指定成分。

包含表4中所列成分的产品或者被禁用或者受限制的使用。禁用/限制的应用如参考的法律要求中所述。

9.3 被禁用的或受限制的化学品/材料

9.3.1 被禁用的

在黑名单中,被禁止的化学品和成分用a1标识。由于分类而被禁止的化学品或包含一种被禁止成分的化学品不得在顺特使用,并且不得出现在为顺特提供的产品中。

工作指示:	控制印:				
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页数:	8 / 30

9.3.2 限制使用

在黑名单中,受限制的材料、化学品和成分用a2标识。可以使用受限制的材料和化学品,但是 在进行了全面的评估之后才能得到有条件的审批通过。

评估必须包含以下内容,并以文件形式进行记录:

- 任何替代产品的评估。评估必须基于HSE评估、环境可行性和应用该材料/化学品需要的技术特征,以及在市场上的适用性。如果无法得到更适当的替代品,要对该原因进行描述,并且在三年之内必须进行新的评估。如果有合适的替代品,该文件必须包含替代的时间表。

- 健康和安全风险评估: 必须评估所有可能的暴露情况。具有事先和事后的可能的保护措施, 例如:

工作场所和个人防护设备的安排。

- 环境风险评估: 必须评估所有可能的环境影响。

公司工艺室将审查该评估,评估必须由工艺首席工程师和总工程师签字,并交至公司工艺 室存档。

9. Sunten Chemical and Material Blacklist

The Sunten Chemical and Material Blacklist is divided into the 4 tables which can be found in Annex 2:

9.1 Tables 1, 2 and 3

These tables list substances or materials classified as carcinogenic, mutagenic, toxic or toxic to reproduction, or are classified as physical or environmental hazards. The prohibition or restriction is based on the classification of the products as a whole - and not on the classification of the single ingredients in the substance. The classification used in these tables is according to valid versions of CLP

(Classification, Labelling and Packaging of substances and mixtures) which are based on the United Nations Globally Harmonised System (UN GHS) as well as ACGIH (American Conference on Governmental Industrial Hygienists) and IARC (International Agency for Research on Cancer), WHO's cancer research institute.

9.2 Table 4

Chemicals and materials are prohibited or restricted due to present or draft legal requirements, due to classifications that indicate severe health and safety risks or because it is decided by Management in Sunten.

A list of the legal requirements or agreements that creates the basis for the Sunten Chemical and Material Blacklist is set out in the chapter "References". The ingredient is specified by CAS-No. where available.

Products containing ingredients listed in table 4 are either prohibited (1) or restricted (2). Prohibition/restriction applies as described in the referenced legal requirement.

9.3 Prohibited or restricted chemicals/materials

9.3.1 Prohibited

Prohibited chemicals and ingredients are marked with a 1 in the Blacklist. Chemicals that are prohibited due to classification or because they contain a

工作指示:	. –		料黑名单 aterial blacklist	控制印:	
文件编号: WI813	发行编号:	1	实施日期:2017/02/10	页数:	9 / 30

prohibited ingredient are not to be used in Sunten and are not to be present in products delivered to Sunten.

9.3.2 Restricted

Restricted materials, chemicals and ingredients are marked with a 2 in the Blacklist. Restricted Materials and Chemicals can be used, but will be conditionally approved after a thorough evaluation has been conducted.

This evaluation must contain and document:

- Assessment of any alternative products. The evaluation must be based on a HSE assessment, economic viability and technical features needed to apply the material/chemical, as well as availability on the market. If no better suitable alternatives are available, the reason for this is described and a new evaluation must be conducted within a 3 year period. If an alternative is available, a timeline for the substitution must be part of the documentation.

- Health- and Safety Risk assessment: All possible exposures must be evaluated. Before and after possible protective measures are in place such as arrangement of the workplace and PPE.

- Environmental Risk assessment: All possible impacts on the environment must be evaluated.

The evaluation will be reviewed by Company Process, must then be signed by the Engineer in chief and the Chief Process Engineer and sent to Company Process for documentation.

10. 参考顺特电气内部程序和资料

1. 在ISO电子文档系统中对于采购程序的化学品放行, QG/SEC. 12、QG/SEC. 13(注)其余程序资料待补充

10. Reference to Sunten Internal Procedures and Documents

1. Chemical release for purchase processes in ISO Electronic Documents System, QG/SEC.12, QG/SEC.13.

附录1

定义

化学品	某种化学元素或它的化合物
有危害物质	可能进入人体,导致任何潜在有毒的、有害的、刺激性的、腐蚀的
	或窒息性的,或在正常预期用途使用中对环境有害的物质或混合物,
	包括化学品整个类别,例如:皂类、油类、酸等。
材料	一种纯化学品或数种化学品的均质混合物。在此语境下,材料指包
	含某种可能被禁止或受控制的化合物的所有材料。
成分	是某种混合物一部分的某种化学品。
CAS号	标识某种特定化学品的明确编号。化学文摘社是美国化学学会的一
	部分,它维护了一个化合物和序列的数据库。CAS 数据库目前包含5
	千5百多万的各种有机和无机化合物。每个CAS条目都用CAS注册号或
	CAS缩写编号标识。

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工作指示:	江山小・							
	上作指示: 化学品和材料黑名单 chemical and material blacklist							
文件编号: WI813	发行编号: 1	实施日期:2017/02/10	页数: 10/30					
MSDS		表(MSDS)是一份书面文件 以安全的方式处理和使用的 来概述。						
技术数据表(TDS		、关于化学产品正确使用的	信息。					
HSE 评估	评定健康、安	全和环境风险的评估						
分类		害性的系统。化学品和材料。 协调系统(GHS)一致的分类						
危险品	险物品运输。 ADR(公路运输	若在MSDS中第14部分提到适用的运输规定,化学品和材料将作为危 险物品运输。例如: ADR(公路运输) RID(铁路运输) IMDG(海运)						
审批标准	当在顺特审批	当在顺特审批化学品时,要遵守一套全球认可的规则 - 链接至SPP 中的审批流程。						
化学品审批表格		由化学品要求人和当地HSE/ 连接至VPP中的审批流程。	可持续性发展部填写的表					
组织	整个顺特电气	设备有限公司						
运营		,例如:一个业务单位(BU 场、服务现场等。),或一个更小的实体,					
化学品的审批者	在本组织的一	个特定部门,被指定负则审	批化学品的人。					
基本用户	顺特的每个员	工						
Annex 1 Definitions								
Chemical	A chemical elem	ent or its compounds						
Hazardous Substance	asphyxiant subst body or be harm		which can enter the human wring its normal intended					
Material	this context re	acids, etc. A pure chemical or a homogenous mixture of chemicals. Material in this context refers to all materials containing a potentially prohibited or regulated compound as an ingredient						
Ingredient	A chemical that	is part of a mixture						
CAS No.	Unambiguous num	Unambiguous number that identifies a particular chemical. The						

CAS No. Unambiguous number that identifies a particular chemical. The Chemical Abstract Service is part of the American Chemical Society and maintains a database of chemical compounds and sequences. The CAS database currently contains over 55 million different organic and inorganic chemical compounds. Each CAS entry is identified by

工作指示:	顺符电 化学品和材 chemical and ma	控制印:				
文件编号: WI813	发行编号: 1	实施日期:2017/02/10	页数: 11/30			
	its CAS Registry N	umber, or CAS Number for	short			
MSDS	ingredients and cla handling and working	Data Sheet is a written d assification information ng with chemicals in a sa ing to applicable legisla	and procedures for fe way. The MSDS must			
Technical Data		ne supplier on the proper				
Sheet (TDS)	product					
HSE Assessment	Assessment that eva	aluates Health, Safety an	d Environmental risks			
Classification	Systems that identify the hazards of a chemical. Tables 1, 2 and 3 in the Chemical and Material Blacklist are based on classification rules according to the UN Globally Harmonised System (GHS)					
Dangerous Goods	Chemicals or materials are to be transported as Dangerous Goods if section 14 in the MSDS refers to any applicable transport regulation, e.g. ADR (Transport by Road) RID (Transport by Railway) IMDG (Transport by Sea) ICAO-TI (Transport by Air)					
Approval Criteria	• •	of rules to be followed whe d to the Approval Process				
Chemical		out by chemical requester				
Approval Form		department before approva				
Organisation	Entire Sunten Wind	Systems A/S Corporation				
Operation	Part of the Sunten Wind Systems A/S Corporation Unit (BU), or a smaller entity such as a Production Site, Service Site etc.					
Chemical		o be responsible for appr	oving chemicals in a			
Approver	specific part of the					
Basic User	Every person in Su	nten.				

工作指示:	控制印]:					
文件编号: WI813	发行编号:	1 5	实施	日期:2017/	02/10	页 数:	12 / 30
附录2 顺特化学物和材料黑 表1: 被归类为致癌自 按照指引 67/548/ECC, Ref.8进行的分类		有毒的 IARC 国际癌 研究 机构		生殖有害的产 危险说明 GHS-CLP, ref. 9	- 品/材料 危险等级 和 种类		禁用 艮制使用
突变:		1		r	1		
Muta.Cat.1;R46				H340	Muta.1A	2	
Muta.Cat.2;R46				H340	Muta.1B	2	
Muta.Cat.3;R68				H341	Muta.2	2	
致癌物: Carc.Cat.1; R45 Carc.Cat.1; R49 Carc.Cat.2; R45 Carc.Cat.2;R49	A1和A2	1、2A禾 组	П2В	H350 H350i	Carc.1A Car c.1B	2	
Carc.Cat.3;R40				H351	Carc.2	2	
对生殖有害 Repr. Cat. 1; R60 Repr. Cat. 2; R60 Repr. Cat. 1; R61 Repr. Cat. 2; R61				H360 F H360 D H360 FD H360 Fd H360 Df	Repr. 1/ Repr. 1F	3	
Repr. Cat. 3; R62 Repr. Cat. 3; R63				H361 f H361 fc H361 fd	Repr. 2	2	
R64				H362	可能导致 伤害母乳 喂 养的婴幼 儿		
有毒的:		1			1 .		
T+; R27 T+; R26				H310 H330 (蒸 气)	急性中毒	1 2	
T+; R28 T+; R26 T; R23				H300 H330 (气体/灰	急性中毒	22	

工作指示:	控制印:					
文件编号: WI813	发行编号:	1	实施日期:2017/	02/10	页 数:	13 / 30
T; R25 T; R24 T; R23			 尘/薄雾) H330(蒸 汽) H301 H311 H331 	急性中毒	3 2	
T; R48/23 T; R48/24 T; R48/25 过敏			H372	STOT RE 1 RE 2	1/ 2	
R42 Annex 2			H334	呼吸过敏	1 2	

Sunten Chemical and Material Blacklist

Table 1; Products/Materials classified as Carcinogenic, Mutagenic, Toxic or Toxic to Reproduction

ACGIH	IARC	Hazard	Hazard	1=Prohibi
American	Internation	statement	Class and	ted
Conference	al Agency	GHS-CLP,	Category	2=Restric
of Governmental	for	ref. 9		ted
Industrial	Research on			
Hygienists	Cancer			
			·	
		H340	Muta. 1A	2
		H340	Muta. 1B	2
		H341	Muta. 2	2
A1 and A2	Group 1, 2A	H350	Carc. 1A	2
	and	H350i	Carc. 1B	
	2B			
		H351	Carc. 2	2
	American Conference of Governmental Industrial Hygienists	AmericanInternationConferenceal Agencyof GovernmentalforIndustrialResearch onHygienistsCancerImage: Construction of the second of t	American Conference of Governmental Industrial HygienistsInternation al Agency for Research on Cancerstatement GHS-CLP, ref. 9Industrial HygienistsResearch on CancerH340Image: Construction of CancerH340H340Image: Construction of CancerH340H340Image: Construction of CancerH340H341Image: Construction of CancerH341H350Image: Construction of CancerH350H350iImage: Construction of CancerImage: Construction of CancerH350iImage: Construction of CancerImage: Construction of CancerImage	American Conference of Governmental Industrial MygienistsInternation al Agency for Research on CancerStatement GHS-CLP, ref. 9Class and CategoryIndustrial MygienistsResearch on CancerH340Muta. 1AImage: Market background CancerH340Muta. 1BImage: Market background Muta. 12H341Muta. 2A1 and A2Group 1, 2A And 2BH350 H350iCarc. 1A Carc. 1B

工作指示:		控制印:				
文件编号: WI813	发行编号:	1	实施日期:2017/02/10		页数:	14/30
Toxic to reproduc	etion:	•				
Repr. Cat. 1; R60 Repr. Cat. 2; R60 Repr. Cat. 1; R61			H360 F H360 D H360 FD H360 Fd H360 Df		or. 1A or. 1B	2
Repr. Cat. 2; R61						
Repr. Cat. 3; R62 Repr. Cat. 3; R63			H361 f H361 fc H361 fd	Rep	or. 2	2
R64			H362	har bre	cause m to eastfed ldren	2
Toxic:			11200 11220			0
T+; R28 T+; R26 T; R23			H300 H330 (gas/dust/m ist)H330 (vapour)	Acu	ite Tox. 2	2
T; R25 T; R24 T; R23			H301 H311 H331	Acu	ite Tox. 3	2
T; R39/23 T; R39/24 T; R39/25 T+; R39/26 T+; R39/27 T+; R39/28			H370	STC 2	NT SE 1/SE	2
T; R48/23 T; R48/24T; R48/25			H372	STC RE	DT RE 1/ 2	2
Sensitising:						
R42			H334	Res 1	sp. Sens.	2

工作指示:	化学品 chemical a	控制印	P:			
文件编号: WI813	发行编号:	1	实施日期:2017/	02/10	页 数:	15/30
表2: 被归类为身体危	5害的产品/物]质				
按照指引67/548/EC	C, ref.8进	危险说	明GHS-CLP, 参见	危害等级	和分	1=禁用
行分类		9		类		2=限制使用
身体危害				·		
R1, R6, R9, R19,	R2,R3, R4,			爆炸品		2
R5, R16, R18						

表3: 被归类为环境危害的产品/材料

<u>秋5; 败归天乃不免厄百时</u>	111/1/1/17	-	
按照指引67/548/ECC,	危险说明	危害等级和分	1=禁用
ref.8进行分类	GHS-CLP, 参见9	类	2=限制使用
环境危害			
R50	H400	水生生物急性	2
		1	
R50/53	H410	水生生物慢性	2
		1	
R59	EUH059	臭氧层	2
Table 2; Products/materi	als classified as physi	cal hazards	
Classification under	Hazard statement	Hazard Class	1=Prohibited
directive 67/548/ECC,	GHS-CLP, ref. 9	and Category	2=Restricted
ref. 8			
Physical hazards			
R1, R6, R9, R19, R2, R3,		Explosives	2
R4, R5, R16, R18			

Table 3; Products/materials classified as environmental hazards

Classification under	Hazard statement	Hazard Class	1=Prohibited					
directive 67/548/ECC,	GHS-CLP, ref. 9	and Category	2=Restricted					
ref. 8								
Environmental hazards								
R50	H400	Aquatic Acute 1	2					
R50/53	H410	Aquatic	2					
		Chronic1						
R59	EUH059	Ozone layer	2					

工作指	控制印:									
文件编号:	chemical and material b WI813 发行编号: 1 实施日期		页数:	16 / 30						
表4: 被禁止使用或限制使用的化合物/成分										
类别	物质	CAS号	1= 禁用 2= 限制	可能存在于	参考文 献					
REACH 候选列 表	http://echa.europa. eu/chem_data/authorisation_process/ candidate_list_table_en.asp		1		[参考文件 2]					
多氯代 三苯 联苯 多氯代 三苯三 苯基	PCB (二苯)如果浓度大于0.005 w/w% PCT (三苯)如果浓度大于0.005 w/w%	1336-36-3 61788-33-8 12642-23-8	1	冷凝 剂 压 器 料 封 料 約 物 成	[参考文件 2/3/4]					
含氯化 合物	三氯甲烷	67-66-3	1	溶剂	[参考文 件 2]					
	四氯甲烷	56-23-5	1	溶剂	[参考文件 2/5]					
	1,1,1-三氯乙烷	71-55-6	1	溶剂	[参考文件 2/5]					
	1,1,2-三氯乙烷	79-00-5	1	溶剂	[参考文 件 2]					
	1,1,1,2-四氯乙烷	630-20-6	1	溶剂	[参考文 件 2]					
	1,1,2,2-四氯乙烷	79-34-5	1	溶剂	[参考文 件 2]					
	五氯乙烷	76-01-7	1	溶剂	[参考文 件 2]					
	1,1-二氯乙烯	75,-35-三 氯乙	1	溶剂	[参考文 件 2]					
	六氯乙烷	67-72-1	1	用于从 熔融金 属去除 杂质,	[参考文 件 2]					

工作指示:	控制印:						
文件编号: WI813	发行编号:	1	实施日期	:2017/02/10		页 数:	17 / 30
						从或产原属及各属金的剂石炼还 以善金合量	
	C10-C13, 氯代 , 用于金属的;		氯化石蜡)	85535-84-8	1	金属的 加工, 例如: 润滑油 和添加 剂	[参考文 件 2]
一甲基四	氯-三苯基-甲;	烷		76253-60-6	1	在 器 压 液 介 液 中	[参考文 件 2]
一甲基二	氯−二苯甲烷			编号CAS 编 号 (EC. 编 号: 400-140-6)	1	在器 压 液 介 液 中	[参考文 件 2]
一甲基-二 甲烷(DB	二溴-联苯 BT)			99688-47-8	1	在 器 器 本 部 本 部 本 部 本 部 本 部 本 部 本 部 本 部 本 都 本 都	[[参考 文件 2]
灭蚁灵(氯化烃类杀虫	剂))		2385-85-5	1	阻燃材料	[参考文 件

C作指示: 化学品和材料黑名单 chemical and material blacklist							控制印:				
て件编号: WI	[813	发行编号:	1	实施日期	期:2017/02/	10	页 数:	18/30			
Z/3/4]Table 4; Chemical compounds/ingredients whose use is prohibited or restricted											
Group		tance	,i eu	CAS No.	1=Prohi- bited 2=Re- stricted		be found ir				
REACH Candidate list	eu/c isat cand	://echa.europ hem_data/auth ion_process/ lidate_list_ta .asp	or		1			[Ref 2]			
Polychlori nated Biphenyl Polychlori nated triphenyl	is g 0.00 conc	if concentrat reater than 5 w/w% PCT if centration is ter than 0.00		1336-36- 3 61788-33 -8 12642-23 -8	1	trans subst paint	ensates, sformer, cances in c, sealing plastic	[Ref 2/3/4]			
Chlorinate d	Chlc	proform		67-66-3	1	Solve	ent	[Ref 2]			
compounds	Tetr	achloromethar	ie	56-23-5	1	Solve	ent	[Ref 2/5]			
	1,1, ne	1-trichloroet	ha	71-55-6	1	Solve	ent	[Ref 2/5]			
		1,2-tetrachlo	oro	630-20-6	1	Solve	ent	[Ref 2]			
		2-trichloroet	ha	79-00-5	1	Solve	ent	[Ref 2]			
		2,2-tetrachlo	oro	79-34-5	1	Solve	ent	[Ref 2]			
		achloroethane	,	76-01-7	1	Solve	ent	[Ref 2]			
		dichloroethyl		75-35-4	1	Solve		[Ref 2]			
	Hexa	chlorethan		67-72-1	1	remov imput molte recov	rities from en metals, vering ls from	[Ref 2]			

工作指示: 化学品和材料黑名单 chemical and material blacklist								控制印:		
て件编号: W	I813	朔:2017/02 /	10	页数:	19 / 30					
						impro quali vario	ting acts and oving the ity of ous meta alloys	e		
	chlo chlo para	nes, C10-C13 ro (short-ch rinated ffins) (SCCP processing o ls	ain -8	5535-84 3	1	metal	essing of ls i.e. icants an tives			
		methyltetrac phenyl- an	hlo 76 -6	5253–60 5	1	fluid capac trans	ectric 1 in citors, sformers nydraulie	[Ref 2]		
	Mono iphe meth	-	No No)0-140-	1	fluid capad trans	ectric d in citors, sformers nydraulio	[Ref 2] c		
	iphe	methyl-dibro nyl ane (DBBT)	mod 99 –8	9688–47 3	1	fluid capac trans	ectric 1 in citors, sformers nydraulio	[Ref 2] c		
	Mire	X	23 5	85-85-	1	Flame mater	e retarda cial	ant [Ref 2/3/4]		
表4 续 类别	牧	质		CAS号	1=禁戶 2=限計		能存在	参考文献		
有机化 合物	%	「品中的苯,浓, w/w以上。该势]于汽油				· 在灯 料、 润	 然料、涂 、溶剂、 骨油中 式分 	[参考文件2]		

工作指示:	化学品和材料			控制印	:
 文件编号: WI81	chemical and ma 3 发行编号: 1	tterial black 实施日期:20		页数:	20 / 30
	壬基酚-该禁止不适用 于用于旧涡轮机维护和 再制造的环氧树脂材 料。壬基酚苯基蒽-聚丙 烯酸酯		1	金属加工	[参考文件2]
	2,4,6-3-叔丁基苯酚	732-26-3	1	燃料的添 加物以及	[参考文件4]
消耗臭氧层物 质	三氯氟甲烷(CFC-11)	75-69-4	1	冷却剂,氟 利昂	[参考文件5]
i.e. CFCs, Hal-ons,	二氯二氟甲烷(CFC-12)	75-71-8	1	冷却剂,氟 利昂	[参考文件5]
HBFC, HCFC, etc. HC	三氯三氟乙烷 (CFC-113)	76-13-1	1	冷却剂,氟 利昂	[参考文件5]
FCs	二氯四氟乙烷 (CFC-114)	76-14-2	1	冷却剂,氟 利昂	[参考文件5]
	一氯五氟乙烷 (CFC-115)	76-15-3	1	冷却剂,氟 利昂	[参考文件5]
	溴氯二氟甲烷(卤代烷 -1211)	353-59-3	1	阻燃材料	[参考文件5]
	三氟溴甲烷(卤代烷 -1301)	75-63-8	1	阻燃材料	[参考文件5]
	二溴四氟乙烷(卤代烷 -2402)	124-73-2	1	阻燃材料	[参考文件5]
	溴氟碳氢化合物(HBFC)	几个选项	1		[参考文件5]
	溴氯甲烷	74-97-5	1		[参考文件5]
	溴甲烷	74-83-9	1	阻燃材料	[参考文件5]
	二氟一氯甲烷 (HCFC-22)	75-45-6	1	冷却剂	[参考文件5]
	二氯三氟乙烷 (HCFC-123)	306-83-2	1	冷却剂	[参考文件5]
	二氯一氟乙烷 (HCFC-141)	1717-00-6	1	冷却剂	[参考文件5]
	氯二氟乙烷 (HCFC-142b)	75-68-3		冷却剂	[参考文件5]
温室气体	SF6(六氟化硫)	2551-62-42	2	开关装置 的绝缘物	[参考文件6]
二苯醚,多溴衍 生物	二苯醚,五溴衍生物和 八溴衍生物	32534-81-9 32536-52-0	1	塑料、橡胶 和电器商 品的阻燃	[参考文件4]

工作指示	下: 化学品和材料 chemical and mat	list	控制印:			
文件编号: W	I813 发行编号: 1	实施日期:20	17/02/10	页数:	21 / 30	
			剂	J		
Table 4 con	tinued					
Group	Substance	CAS No.	1=Prohi- bited 2=Re- stricted	Can be found in	Referen ce	
Organic compounds	Benzene in products with concentrations above 0.1 w/w. The ban does not appl to gasoline		1	Ingredient in fuel, paint, solvents, lubricants	[Ref 2]	
	Nonylphenol - The ban does not apply to epoxy materials used for maintenance or reproduction of old turbines. Nonylphenol ethoxylate	25154-52 -3 9016-45- 9	1	Processing of metals	[Ref 2]	
	2,4,6-tri-tertbutylphenol	1 732-26-3	1	Additive to fuel and	[Ref 4]	
Ozone depleting	Trichlorofluormethane(CFC -11)	75-69-4	1	Coolant, Freon	[Ref 5]	
substances i.e. CFCs,	Dichlorodifluormethane(CF C-12)	75-71-8	1	Coolant, Freon	[Ref 5]	
Hal-ons, HBFC,	Trichlorotrifluor-ethane (CFC-113)	76-13-1	1	Coolant, Freon	[Ref 5]	
HCFC, etc. HCFCs	Dichlorotetrafluoroethane (CFC-114)	e 76-14-2	1	Coolant, Freon	[Ref 5]	
	Chloropentafluoroethane (CFC-115)	76-15-3	1	Coolant, Freon	[Ref 5]	
	Bromochlorodifluoromethar e (halon-1211)	n 353–59–3	1	Flame retardant material	[Ref 5]	
	Trifluorobromomethane (halon-1301)	75-63-8	1	Flame retardant material	[Ref 5]	
	Dibromotetrafluoroethane (halon-2402)	124-73-2	1	Flame retardant	[Ref 5]	

工作指表	作指示: 化学品和材料黑名单 chemical and material blacklist								控制印:			
て件编号: W	I813	发行编号:	1	实施日	期:20 〕	17/02	2/10	页数	页数: 22/3			
	Hydro (HBFC	bromofluoroca)	rbon	Seve opti		1		mater	ial	[Ref 5]		
		chloro-methan 1 bromide	e	74-9		1		Flame retar mater	dant	[Ref 5] [Ref 5]		
	Chlorodifluoro-methane(HC FC-22) Dichlorotrifluoroethane			C 75-4	5-6	1	1 Coola			[Ref 5]		
	Dichl (HCFC		306-	83-2	1		Cool	ant	[Ref 5]			
	Dichlorofluoroethane (HCFC-141)			1717 6	-00-	1		Coola	int	[Ref 5]		
		odifluoroetha —142b)	ne	75-6	8-3			Coola	int	[Ref 5]		
Greenhouse gas	SF6 (\$	Sulphur hexafl	luoride	e) 2551 4	-62-	2		Insul in sw gear		[Ref 5/6]		
Diphenyl ether, Polybromo derivative	Diphenyl ether, Pentabromo derivative and octabromo derivative			-9	4-81 6-52			Fire retardant in plastics, rubber and electrical goods.		[Ref 2/4]		
表4 续 组	物质		CAS号		1=禁/	Ħ	存在于		参考	文献		
多溴联苯	多溴联	苯(PBB)	[参考 -65/-	文件	2=隊 1	-	在 塑 料 用 的 陷 学 品	斗中使 1燃化	[参考 4]	文件2/		
		设备中高于			2		电路机	Ź	[参考	文件 1]		

多溴联苯	多溴联苯(PBB)	[参考文件 -65/-1]	1	在塑料中使 用的阻燃化 学品	[参考文件2/ 4]
	在电气设备中高于 0.1%的多溴化联苯 (PBB)		2	电路板	[参考文件 1]
	多溴联苯醚 (PBDE)	不适用	1	在塑料中使 用的阻燃化 学品	[参考文件2/ 4]
	在电气设备中高于		2	电路板	[参考文件 1]

		/iji	则行电	、口仅合	有限公可			
工作指法	示:	化学品	和材	料黑名	单		控制	印:
	ch	emical an	d ma	terial	blacklist			
文件编号: V	VI813 发	行编号:	1	实施日	期:2017/02	2/10	页数	: 23/30
	0.1%的多 溴化二苯	基醚(PBED)						
石棉纤维	石棉		1200 1217 1322 1332 7753 7753	$ \begin{array}{r} 1-28-4 \\ 1-29-5 \\ 2-73-5 \\ 07-32-0 \\ -21-4 \\ 6-66-4 \\ 6-67-5 \\ 6-68-6 \\ \end{array} $	1	制动器 缘材料 泥		[参考文件2/ 4]
有机锡 化合物	止适用于 [,] 以及工业,	合物-该禁 作为涂料中 用水处理中 的应用。描 3。	几个	选项	1	用于预置	和设 生 物或 着的	[参考文件 2]
	(TBT和TI 基-锡(DI 基锡(DO) 过0.1w/w 作为锡计	机锡化合物 PT), 二丁 BT)和二辛 C)在浓度超 %中禁止。 算该禁止按 求中的描述	几个	CAS 号	1	¹ 单份剂剂乙在统剂粘充 动硫和,烯聚中(合剂)	双密合聚材酯加料组封(氯。系速、	[参考文件 9]
Table 4 cor	tinued				I	/		11
Group	Substance		CAS I	No.	1=Prohi- bited 2=Re- stricted	Can be found		Reference
Polybromi nated biphenyls	Polybrom: biphenyls		59530	6-65-1	1	Flame retard chemic		[Ref 2/4]

used in plastics

工作指法	C作指示: 化学品和材料黑名单 chemical and material blacklist										
文件编号: V	VI813	发行编号:	1 实施日	日期:2017/()2/10	页数: 24/30					
	biphen			2	Circui board	t	[Ref 1]				
	-	ominated yl ethers	Not available	1	Flame retard chemic used i plasti	al n	[Ref 2/4]				
	diphen			2	Circui board	t	[Ref 1]				
Asbestos fibres	Asbest	DS	$\begin{array}{c} 12001-28-4\\ 12001-29-5\\ 12172-73-5\\ 132207-32-\\ 0\\ 1332-21-4\\ 77536-66-4\\ 77536-67-5\\ 77536-68-6\end{array}$	1	Brakes insula materi cement	ting al,	[Ref 2/4]				
Organosta nnic compounds	compound is for biocide in the industr	stannic nds - the ban use as a e in paint and treatment of rial water as bed in Ref. 3	Several options	1	Compou for preven foulin microo -isms, plants animal submer applia and equipm	ting g by rgan or s of ged nces	[Ref 2]				
	organo: compour	ostituted stannic nds (TBT and Dibutyltin	Several CAS No.	5 1	One-on compon vulcan tion	r two ent	[Ref 9]				

工作指法	一 示: 化学品 chemical a	控制]印:		
文件编号: V	VI813 发行编号:	1 实施日	期:2017/02	/10 页数	t: 25 / 30
主1 位	<pre>(DBT) and Dioctyltin (DOT). Prohibited in concentrations greater than 0.1w/w %. Calculated as Sn. The ban applies as described in the legal requirement</pre>			sealants and adhesives, soft PVC profiles. Accelerato rs in polyure- thane system (paints, adhesives, fillers)	
表4 续 组	物质	CAS号	1=禁用 2=限制	存在于	参考文献
苯乙烯和 聚酯(单体 的)	此禁止不适用于旧涡 轮 机维护和修理用的材 料。	几个选项	2	苯用些增件含聚(定部件成然成体转乙终该乙于玻强以苯合例的 、的而品苯化烯产限烯制璃的及乙物如橡 真AB,中乙为,品制单造纤零生烯中:胶 空)在,烯聚则不。体一维部产的。特零 形。制单被苯最受	
重金属	铅。该禁止不适用于 电 气设备	几个选项	1	制动衬片、 塑料管、润 滑剂、涂料	[参考文件 1]
	铅在电气设备中超过 0.1%	几个选项 2	2	蓄电池	[参考文件 1]

工作指法	क्र ः		控制印:						
		chemical ar	nd ma	aterial	blacklist				
文件编号: V	VI813	发行编号:	1	实施日	期:2017/02	2/10	页数: 26/30		
	汞化合物	物	几个	选项	1	用于防 生物、 动动物 在水下 和设备 化合物	植物 附着 上的	[参考文件 2]	
	在电气 物超过(设备中汞化合 0.1%	几个	选项	1			[参考文件 1]	
	砷化合物	物	几个	选项	1	用于防 生物、 或动物 在水下 和设备 化合物	植物 附着 上的	[参考文件 2]	
Table 4 co						[
Group	Substa	nce	CAS	No.	1=Prohi- bited 2=Re- stricted	Can be found		Reference	
Styrene and polyester (monomeri c)	apply to mate for mainter repair	n does not erials used nance and turbines	Seve opti		2	Monome: Styren- used f manufa -ing s glass fiber reinfo parts a in the produc of sty: contai: polyme: (e.g. certai: rubber parts, vacuum formed ABS).	e is or ctur ome rced and tion rene ning rs		

工作指	示:		控制印:					
文件编号:	WI813	发行编号:	1	实施日	期:2017/02	/10	页数	: 27 / 30
Heavy metals	Lead. ' not app electri equipme	ical	Seven		1	Howeve in the Manufa -ed produc monome styren conver to polyme styren and th finish produc are no subjec the restri tion Brake lining plasti tubes, lubric paint	ctur t, ric e is ted ric e e ed ts t t to ct-	[Ref 1]
	equipmo above (Seven optic Seven optic	ons ral	2	Batter Compou for preven foulin	nds ting	[Ref 1]
						microo -isms, plants animal submer applia and equipm	rgan or s of ged nces	

工作指法		化学品 [;] chemical an			-		控制	印:	
文件编号: V	VI813	发行编号:	1	实施日期:2017/02/2		2/10	/10 页数		28 / 30
	-		Seve: opti		1			[Ref	1]
表4 续	Arsenio	e compounds	Seve: opti		1	Compou for preven foulin microo -isms, plants animal submer applia and equipm	ting g by rgan or s of ged nces	[Ref	2]
衣 y 续 组	物质		CASĘ	<u>1</u> 7	1=禁用 2=限制	存在于		参考	文献
重金属	镉化合 [;] 适用于	物。该禁止不 电池	几个:	选项	1	电气设 电池、 塑料产 涂料的	成品 品和	[参考]	6文件 2]
	镉在电流 0.01%	他中超过	几个:	选项	2			[参考	告文件 1]
	制品, 总干重	和含水泥的预 浓度超过水泥 的0.0002%。该 适用于表面处 气设备。	几个:	选项	1	在水泥 水泥预 热镀锌	制品	[参考	专文件 2]
	在表面 [。] 铬VI	处理中使用的	几个:	选项	2				
		设备中,使用 超过0.1%	几个:	选项	2			[参考	6文件 1]
Table 4 cor	ntinued								
Group	Substar	nce	CAS 1	No.	1=Prohi- bited 2=Re- stricted	Can be found		Refe	rence

工作指法	示: 化学品 chemical a		控制	印:				
文件编号: V	WI813 发行编号:	1 3	に施日 期	月:2017/02	/10	页数: 29/30		
Heavy metals	Cadmium compounds. The ban does not apply to batteries	Severa		1	Electr equipm batter colour finish plasti produc and pa	ent, ies, s of ed c ts	[Ref 2	2]
	Cadmium above 0.01%in batteries	Severa option		2			[Ref 1]
	Chrome VI: in cement and cementcontaining preparations in concentrations above 0.0002% of the total dry weight of the cement. The ban does not apply to surface treatment and to electrical equipment	Severa	ll Is	1	Cement cement tainin prepar tions galvan tion	con- g a- Hot	[Ref 2	2]
	Chrome VI Used in surface treatment Chrome VI used above0.1% in electrical equipment	Severa option Severa option	is 1	2			[Ref 1	.]

References:

参考文献:

- The European Parliament and Council regulation 2008/0240 (COD) dated 27. May 2011 on the limitation of the use of certain harmful substances in electrical and electronic equipment) RoHS Directive 欧洲议会和理事会法规2008/0240 (COD),日期: 2011年5月27日,关于在电气和电子设备 中禁止特定有害物质的使用危害性物质限制指令。
- 2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18. December 2006 concerning the Registration, Evaluation, Authorisation and

工作指示:			料黑名单 aterial blacklist	控制印:	
文件编号: WI813	页 数:	30 / 30			

Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and2000/21/EC 欧洲议会和理事会2006年12月18日的法规(EC),编号1907/2006,关于化学品的登记、评 估、批准和限制(REACH),成立了一个欧洲化学品管理局,修定1999/45/EC 指令,并废

除编号793/93的理事会条例(EEC)、编号1488/94 的委员会条例(EC)、以及理事会指令 76/769/EEC 和委员会指令91/155/EEC、93/67/EEC、93/105/EC 和2000/21/EC。 3. STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS (POPs) 22. May 2001 (4th

- 3. STOCKHOLM CONVENTION ON PERSISTENT ORGANIC POLLUTANTS (POPS) 22. May 2001 (4th meeting held in Geneva, 4-8. May 2009) 关于持久性有机污染物 (POPs) 的斯德哥尔摩公约, 2001年5月22日(在日内瓦举行的第四次会议, 4-8. 2009年5月4日至8日)
- ROTTERDAM CONVENTION, PIC CIRCULAR XXV June 2007 鹿特丹公约, PIC (事先知情同意) 通告XXV - 2007年6月
- 5. The Montreal Protocol on Substances that Deplete the Ozone Layer 蒙特利尔协定,关于消耗臭氧层的物质
- 6. Kyoto
 - 京都
- 7. European Parliament and Council regulation 67/548/EEC Classification, packaging and labelling of hazardous substances.

欧洲议会和理事会法规67/548/EEC,有害物质的分类、包装和标签。

8. European Parliament and Council regulation 1272/2008, CLP Classification 欧洲议会和理事会法规1272/2008, CLP分类

10. Council Directive 76/769/EEC regarding restrictions on the marketing and use of

organostannic compounds for the purpose of adapting its Annex I to technical progress 理事会指令76/769/EEC,关于限制有机锡化合物的销售和使用,目的在于改编其附录I以适应技术进步。