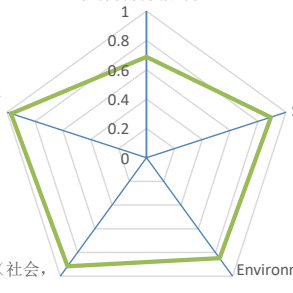
	<div>电池尽职调查审计报告</div> <div>Battery Due Diligence Audit Report</div>	REF. NO. (REF编号)	EE-RSTS-01
		VERSION (版本)	V01-20250715
		AUTHOR (作者)	Ivan Chen
		APPROVED (批准)	Fantine Yu
CUSTOMER (客户):	江西恒力电池科技有限公司 JIANGXI HENGLI TECHNOLOGY BATTERY CO; LTD. 恒力 (越南) 电池科技有限责任公司 HENG LI (VIETNAM) TECHNOLOGY BATTERY CO., LTD		
SUPPLIER (供应商):	南京玻璃纤维研究设计院有限公司 Nanjing Fiberglass Research & Design Institute Co., Ltd.		
FACTORY (工厂):	中材科技膜材料 (山东) 有限公司 Sinoma Membrane Material (Shangdong) Co., Ltd.		
REPORT No. (报告编码):	DDA-Jiangxi Hengli-Shandong Sinoma Membrane-01-20250709		
AUDIT DATE (审查日期):	2025年7月8日-2025年7月9日 From 8-Jul.-2025 to 09-Jul.-2025		
SGS AUDITOR (SGS审计):	Spruce Chai; Chris Zhao; Ivan Chen		
SGS AFFILIATE (SGS所属):	SGS上海 SGS_Shanghai Office		
APPROVED BY (批准):	Fantine Yu (Fantine.Yu@sgs.com)		
TOTAL SCORE (总分)	88.6	OVERALL RATING (总评)	B
<div><div>Materials and Restriction of Hazardous Substances Control (原材料和有害物质限制)</div><div>Governance, management system and risk management (治理, 管控和风险管理)</div><div>Social, human rights, labour rights and industrial relations (社会, 人权, 劳工权益和劳资关系)</div><div>Environment, climate and human health (环境, 气候和人类健康)</div><div>Supplier Chain Traceability (供应链可追溯性)</div></div> 			
Result Classification (结果分类)			
Class A >= 90 (Good) (A级 >= 90 (良好))		Class B >= 80 and < 90 (Acceptable) (B级 >= 80 和 < 90 (可接受))	
Over performance was found in good practice with below evidence: * The factory has established a good operation system and under effective control. (根据以下证据, 发现在良好做法中表现过硬: * 工厂建立了良好的运作系统, 并得到有效控制。)		Overall performance found in acceptable control but with not enough area with below issues: * The operation system has well established, but implement with not enough area, and easier to be recovered, or * The operation system has not well established, but still under suitable control...etc. (总体表现在可接受的控制范围内, 但面积不足, 存在以下问题: * 操作系统已建立, 但实施面积不足, 且较易恢复, 或 * 运行系统建立不完善, 但仍处于适当的控制之下.....)	
Class C >= 70 and < 80 (Conditional Acceptable) (C级 >= 70 和 < 80 (有条件接受))		Class D < 70 (Poor) (D级 < 70 (差))	
Overall performance was found in conditional acceptable control with below non-conforming issues: * Operation system has established, but incomplete. some function missing * The system is not under complete implemented. * The system with major problem * The system need longer time to recover...etc. (总体绩效在有条件的可接受控制范围内, 不合格问题如下: * 操作系统已建立, 但不完整。 某些功能缺失 * 系统未完全执行。 * 系统存在重大问题 * 系统需要较长时间恢复.....)		Overall performance found in poor control with below non-conforming issues: * No operation system has established. * The system not under implement. * The system with serious problem or system break down * The system could not recovered in short time period...etc. (发现总体绩效控制不佳, 存在以下不合格问题: * 没有建立运行系统。 * 系统未执行。 * 系统存在严重问题或系统崩溃 * 系统无法在短时间内恢复.....)	

GENERAL COMMENT (总体意见)

A: OVERALL COMMENT (总体评论)

中材科技膜材料(山东)有限公司作为南京玻璃纤维研究设计院有限公司下属公司成立于2014年10月,位于山东省枣庄市滕州经济开发区腾飞东路996号。该公司主要生产电池隔膜和过滤材料,现有员工149人,关于电池隔板,有8条生产线。工厂现已通过ISO9000/ISO45001/ISO14001/IATF16949认证。
Sinoma Membrane Material (Shandong) Co., Ltd. established in October 2014 as a subsidiary of Nanjing Fiberglass Research & Design Institute Co., Ltd., is located at No. 996 Tengfei East Road, Tengzhou Economic Development Zone, Zaozhuang City, Shandong Province. The company mainly produces battery separator membranes and filtration materials, with a current workforce of 149 employees and 8 production lines for battery separators. The factory has now passed ISO9000/ISO45001/ISO14001/IATF16949 certifications.

Battery value chain in Europe, covering raw materials extraction, sustainable sourcing and processing, sustainable battery materials, cell manufacturing as well as re-use and recycling of batteries. (欧洲电池价值链,包括原材料提取、可持续采购和加工、可持续电池材料、电池芯制造以及电池的再利用和再循环。)	raw materials extraction (原材料提取)	sustainable sourcing and processing (可持续采购和加工)	sustainable battery materials (可持续电池材料)	Battery cell/pack manufacturing (电池芯/包装制造)	re-use and recycling of batteries (电池的再利用和再循环)
	NA	NA	NA	NA	NA
Tracking element (追踪元素)	cobalt, lead, lithium or nickel (钴, 铅, 锂或镍)				

B: AUDIT SUMMARY (审核摘要)

公司主要向江西恒力供应电池隔板,其主要成分为玻璃纤维,不涉及电池法规要求之关键材料和冲突矿产。生产工艺比较简单,主要分为制浆、烘干、抄纸和卷取、包装等步骤。公司拥有ISO9001、IATF16949、ISO14001、ISO45001 内控体系和有效认证证书。公司拥有可追溯系统,可以实施跟踪管理。

对于产品有害物质管理,公司目前仍主要是RoHS管理,未识别电池法规及REACH法规的限用物质要求。

公司在EHS及社会责任方面,具有设定政策,采取措施。集团公司有做ESG评估报告。公司在管理细节上,尤其是HSF管理方面有一定的改善空间。

The company primarily supplies battery separators to Jiangxi Hengli, with its main component being fiberglass, and does not involve key materials and conflict minerals required by battery regulations. The production process is relatively simple and mainly consists of steps such as pulping, drying, paper-making, rolling, and packaging. The company has an internal control system with ISO9001, IATF16949, ISO14001, and ISO45001 certification. The company possesses a traceability system that can implement tracking management. In terms of hazardous substance management for products, the company mainly adheres to RoHS management and has not identified restricted substance requirements under battery regulations and REACH regulations. The company has established policies and taken measures regarding EHS (Environmental, Health, and Safety) and social responsibility. The group company conducts ESG assessments. There is room for improvement in management details, particularly in HSF management.

C: SCORE SUMMARY (分数总结)

No.	Section (项目)	Full Score (满分)	Actual Score (实际得分)	Section Score (部分得分)	Overall Score (总分占比)
2	Materials and Restriction of Hazardous Substances Control (原材料和有害物质限制)	16	11	68.8%	4.2%
3	Supplier Chain Traceability (供应链可追溯性)	74	66	89.2%	25.0%
4	Environment, climate and human health (环境, 气候和人类健康)	66	56	84.8%	21.2%
5	Social, human rights, labour rights and industrial relations (社会, 人权, 劳工权益和劳资关系)	72	66	91.7%	25.0%
6	Governance, management system and risk management (治理, 管控和风险管理)	36	35	97.2%	13.3%
				Total Score	88.6

D: NOT ENOUGH POINTS DURING AUDIT AND LISTED AS FOLLOWS (审计过程中分数不够, 列举如下):

NC No.	KPI No (KPI 编码)	Not enough contents (不足内容)
NC-01	2.2.1&2.2.8	公司HSF管理程序/政策仍停留在RoHS指令管理,未涵盖新电池法规和REACH法规等限制物质要求。未依据法规要求列出,并确认其含有情况。 The company's HSF management procedures/policies are still focused on RoHS directive management and do not cover new battery regulations and REACH regulations regarding restricted substances. They have not been listed according to regulatory requirements, nor has the situation regarding their inclusion been confirmed.
NC-02	2.2.2	与供应商有签署"RoHS与REACH符合性承诺",但"承诺书"中列出的SVHC项目为223项,未更新。 也未收集SVHC测试报告,无CMR物质信息。 The factory has signed a "RoHS and REACH compliance commitment" with the supplier, but the "commitment letter" lists 223 substances as SVHCs, which has not been updated. SVHC testing reports have not been collected, and it is unclear whether there are any CMR-related substances.
NC-03	3.1.3	工厂在启动采购程序前对供应商有进行质量方面的评估,但未包含社会与治理(ESG)要求。 The factory conducts a quality assessment of suppliers before initiating the procurement process, but does not include environmental, social, and governance (ESG) requirements.
NC-04	3.1.5	工厂在选择供应商时,未考虑到其ESG的能力。 The factory did not take into account the ESG capabilities of suppliers when selecting them.
NC-05	3.4.5	运输过程有委外。 工厂需获取原料/产品相关信息,以协助管控运输过程的相关风险。 The transportation process is outsourced. Therefore, the factory needs to gain the information related to raw materials/products to control the relevant risks in the transportation process.

NC-06	3.5.2	公司没有进行溯源相关的培训。 The company has not conducted relevant traceability training.
NC-07	3.5.4	公司有追溯机制，但未按期进行内部年度可追溯性验证。 The company has a traceability mechanism, but internal annual traceability verification regularly has not yet been conducted.
NC-08	4.1.3	当前温室气体清单的系统边界仅涉及范围1和范围2，未量化范围3的排放。 The current greenhouse gas inventory's system boundary only involves Scope 1 and Scope 2, and does not quantify Scope 3 emissions.
NC-09	4.1.5	基于2023年度温室气体核查报告显示，核查机构名称为：南京玻璃纤维研究设计院有限公司，该机构为客户母公司，因此23年的组织碳并未经过第三方核查。 Based on the 2023 greenhouse gas verification report, the name of the verification agency is: Nanjing Fiberglass Research and Design Institute Co., Ltd. This agency is the parent company of the client, therefore the carbon organization for 2023 has not been verified by a third party.
NC-10	4.1.5	未将碳足迹纳入供应商管控要求中，主要原因在于采购权在集团公司。 The main reason for not incorporating the carbon footprint into supplier management requirements is that the purchasing authority lies with the group company.
NC-11	4.4.1 & 4.4.2	未设定生物多样性风险控制计划或目标。 Same as NC-04: No biodiversity risk control plan or goals have been set.
NC-12	4.6.2	该公司当前生产不涉及可再生能源的消耗和生产。 The company's current production does not involve the consumption and production of renewable energy.
NC-13	5.2.9	消防疏散图中未标识出其张贴所在位置。 The posted location is not indicated on the fire evacuation map.
NC-14	5.2.10	工厂有安排消防演习，如2024年6月有开展。但签到表未明确主题和时间、参与人数等。 The factory has arranged a fire drill, to be conducted in June 2024. However, the sign-in sheet does not clearly specify the theme, time, number of participants, etc.
NC-15	5.3.2	工厂未规定最低用工年龄。 The factory has not specified a minimum age for employment.
NC-16	5.3.4	未规定年轻工人（通常未满18岁）的防护要求。 The protective requirements for young workers (usually under 18 years old) have not been specified.
NC-17	6.3.3	设置员工反馈的意见箱，但意见箱的位置未规避摄像头。 Set up a suggestion box for employee feedback, but the location of the box does not avoid cameras.

E: PROPOSED CORRECTIVE AND PREVENTIVE ACTION AND FACTORY FEEDBACK COMMENT（建议的纠正预防措施和工厂反馈意见）：

NC No.	Proposed corrective & preventive actions（建议纠正&防治措施）	Feedback comments from factory（工厂反馈评论）
NC-01	将新电池法规、REACH法规等要求纳入管控范围，识别产品和物料中禁限制物质的使用/含有情况。如收集一年内的测试报告。 Incorporate the requirements of new battery regulations, REACH regulations, and others into the control scope, identifying the use/containment of prohibited and restricted substances in products and materials and collect testing reports within one year.	等待反馈waiting for feedback
NC-02	及时关注并更新SVHC，CMR等要求高度关注物质的要求，采取供应链确认，并进行管理。 Timely pay attention to and update the requirements for SVHC and CMR substances, take supply chain confirmation, and implement management.	
NC-03	在启动采购程序前，建议工厂对供应商进行质量方面的评估的同时,包含社会与治理（ESG）要求。 Before starting the procurement process, it is recommended that the factory evaluates the suppliers in terms of quality while also including environmental, social, and governance (ESG) requirements.	
NC-04	工厂在选择供应商时，建议考虑到其ESG的能力。 When selecting suppliers, it is recommended for the factory to take into account their ESG capabilities.	
NC-05	运输过程有委外。工厂需获取原料/产品相关信息，以协助管控运输过程的相关风险。 The transportation process is outsourced. Therefore, the factory needs to gain the information related to raw materials/products to control the relevant risks in the transportation process.	
NC-06	公司应定期组织相关人员进行追溯的培训。 The company should regularly organize training for relevant personnel on traceability.	
NC-07	公司应每年进行一次追溯验证，并保留相关记录。 The company should conduct a retrospective verification once a year and retain relevant records.	
NC-08	加强供应商碳足迹管理，完善上游供应链碳相关活动数据统计口径从而量化范围三排放。 Strengthen the management of suppliers' carbon footprints and improve the statistical standards for carbon-related activities in the upstream supply chain to quantify Scope 3 emissions.	
NC-09	引入第三方机构对组织碳核算结果进行核查。 Introduce third-party organizations to verify the carbon accounting results of the organization.	
NC-10	尽可能将产品和组织碳足迹管理纳入供应商管控要求中。 Incorporate product and organizational carbon footprint management into supplier control requirements as much as possible.	

NC-11	参考集团ESG报告补充生物多样性管控计划文件。Refer to the group's ESG report for supplementary biodiversity management plan documents.	
NC-12	在厂区铺设光伏或向政府购买具备绿色能源属性的绿电从而提高可再生能源使用比例。 Installing photovoltaic systems in the factory area or purchasing green electricity with renewable energy attributes from the government to increase the proportion of renewable energy use.	
NC-13	应在疏散图（逃生图）中清晰标注张贴所在位置，以便于人员理解。 The location should be clearly marked on the evacuation map (escape map) to facilitate understanding for the personnel.	
NC-14	消防演习实施的相关措施、记录等予以明确，确保记录和实施活动的关联。 Clear measures and records related to the implementation of fire drills shall be established to ensure the correlation between records and implementation activities.	
NC-15	公司招聘等用工文件未明确用工的最低年龄要求。 The company's recruitment and employment documents do not specify the minimum age requirement for employment.	
NC-16	招聘和就业文件需明确规定高风险岗位年轻工人的保护政策。 Recruitment and employment documents need clearly specify the protection policies for young workers in high-risk positions.	
NC-17	意见箱设置的位置应方便员工，同时一定要考虑隐私保护，避免处于摄像头之下。 The location of the suggestion box should be convenient for employees, while also taking privacy protection into account, avoiding areas under surveillance cameras.	

F: FINAL CONCLUSION（最终结论）：

According to the final score and general comments, the following is the final conclusion of this factory audit（根据最终得分和总体意见，本次工厂审核的最终结论如下）：

- 危险物质控制
差，需要改进
- 供应链可追溯性
接受，可持续完善
- 环境、气候与人类健康
接受，可持续完善
- 社会、人权、劳动权利与劳资关系
良好
- 治理、管理体系与风险管理
良好

According to the final score and general comments, the following is the final conclusion of this factory audit:

- Restriction of Hazardous Substances control
Poor, need improved
- Supplier Chain Traceability
Acceptable
- Environment, climate and human health
Acceptable
- Social, human rights, labor rights and industrial relations
Good
- Governance, management system and risk management
Good

* For information only（仅供参考）：

A) The factory certification check of ISO 9001 / TL9000, ISO 14001 / ISO45001 / SA8000, Rohs, WEEE, REACH? (A) ISO 9001 / TL9000、ISO 14001 / ISO45001 / SA8000、Rohs、WEEE、REACH 的工厂认证检查？

SGS		GENERAL INFORMATION (基本信息)		
1.1 SUPPLIER INFORMATION (供应商信息)				
1.1.1	Supplier Name (供应商姓名):	中材科技膜材料 (山东) 有限公司Sinoma Membrane Material (Shangdong) Co., Ltd.		
1.1.2	Address (地址)	山东省枣庄市滕州经济开发区腾飞东路996号 No. 996 Tengfei East Road, Tengzhou Economic Development Zone, Zaozhuang City, Shandong Province		
1.1.3	Contact Information (联系方式)	Name (姓名)	Position (职位)	Fax No. (传真)
		郭秋兰 Miss Guoqiulan	厂长助理Assistant to factory manager	/
		Phone No (电话)	E-mail (邮箱)	
		13646378887	LiuCJ33@outlook.com	
1.2 MANUFACTURER INFORMATION				
1.2.1	Company Name (公司名称)	中材科技膜材料 (山东) 有限公司Sinoma Membrane Material (Shangdong) Co., Ltd.		
1.2.2	Company Address (公司地址)	山东省枣庄市滕州经济开发区腾飞东路996号 No. 996 Tengfei East Road, Tengzhou Economic Development Zone, Zaozhuang City, Shandong Province		
1.2.3	Contact Information (联系方式)	Name (姓名)	Position (职位)	Fax No. (传真)
		郭秋兰 Miss Guoqiulan	厂长助理Assistant to factory manager	/
		Phone No (电话)	E-mail (邮箱)	
		13646378887	LiuCJ33@outlook.com	
1.2.4	Company Ownership (公司所有权)	有限责任公司 (国有企业) Limited liability company (state-owned enterprise)		
1.2.5	Date of Creation (创立日期)	October 29, 2014		
1.2.6	Enterprise License Number (公司许可证编号)	913704813130705000		
1.2.7	System Certificates Obtained (获得的系统证书)	ISO9000/ISO45001/ISO14001/IAFT16949		
1.2.8	Factory Total Area (m²) (工厂总面积)	80257m²		
	Sub-Area (m²) (分区面积)	Production Area (生产区域)	Storage Area (储存区域)	Others (其他)
		8307.6m²	8307.6m²	63641.8m²
1.2.9	Product Scope (产品范围)	电池内膜材料、环保过滤材料空气净化过滤材料 Battery separator materials, environmentally friendly filtration materials, air purification filtration materials		
1.2.10	Product Certifications Obtained (获得的产品证书)	-		
1.2.11	Total Number of Employees (员工总量)	149		
	R&D (研发)	5	Quality (质量)	19
	PMC (项目管理)	2	Purchasing (采购)	1
	Marketing (营销)	4	Production (生产)	112
	Warehouse (仓库)	3	Engineer (IE/PE/ME)	5
	Admin. & HR	2	Others (其他)	5
1.2.12	Operation Hours (运营时间)	Shift/day (班次/天)	Hour/day (小时/天)	Days/week (天/周)
		2	8	5
1.2.13	Turnover & Profitability (last year) (营业额&利润率 (去年))	营业额1.7亿. About170 million		
1.2.14	Sub-contracting Scope (分包范围)	运输物流 Transport Logistics		
1.2.15	Major Clients (Provided by Manufacturer) (主要客户 (由制造商提供))	Name (姓名)	Country (国籍)	Products (产品)
		柯锐世	美国USA	启停隔板
		风帆	中国China	启停隔板
		骆驼	中国China	启停隔板

SGS TRACEABILITY AUDIT (可追溯性清单)			
NO	KPI (Key Point Indicator) (KPI (关键点指标))	Score (分数)	Audit finding and comment (审核结果和意见)
TRACEABILITY AUDIT (可追溯性清单)			
2.0 原材料和有害物质限制Materials and Restriction of Hazardous Substances Control			
2.1 原材料Raw Material			
2.1.1	Has cobalt, natural graphite, lithium, or nickel been identified as being added to the product or production process? If yes, please answer Questions (2)-(5). (产品或生产过程中是否被识别出添加了钴、天然石墨、锂、镍? 如果是, 请回答问题 (2)-(5))	NO	产品产品构成和原料成分玻璃纤维未识别到出添加了钴、天然石墨、锂、镍。 Product composition and raw material components: Glass fiber, cobalt, natural graphite, lithium, and nickel were not identified as additives.
	Cobalt (钴)	N/A	N/A
	Natural graphite (天然石墨)	N/A	N/A
	Lithium (锂)	N/A	N/A
	Nickel (镍)	N/A	N/A
2.1.2	Have you traced the cobalt, natural graphite, lithium, nickel back to their original smelters or processors? If yes, please complete E-Appendix-Mapping and F-Traceability Evidence, providing a list of all suppliers in your supply chain that process these minerals, including the company name, the company address, quantity information, the source of information (whether entirely from recycled materials or scrap) and the identification information. If your company chooses to report at the product level, please provide a comprehensive list of all products that contain these minerals. (您是否已将钴、天然石墨、锂、镍追溯到其原始冶炼厂或加工厂? 如果回答为“是”, 请提供贵公司供应链中加工这些矿物的所有供应商名单, 包括公司名称、公司地址、数量信息、信息来源(是否完全来自回收材料或废料)和标识信息。如果贵公司选择在产品层面进行报告, 请提供含有这些矿物的所有产品的综合清单。)	NO	产品和原料成分为玻璃纤维, 无涂层, 未添加钴、天然石墨、锂、镍物质。 The product and raw materials are made of glass fiber, without coating, and without the addition of cobalt, natural graphite, lithium, or nickel substances.
	Cobalt (钴)	N/A	N/A
	Natural graphite (天然石墨)	N/A	N/A
	Lithium (锂)	N/A	N/A
	Nickel (镍)	N/A	N/A
2.1.3	Have you established a responsible mineral sourcing policy publicly available? (贵公司是否制定了公开的负责任的矿物采购政策?)	N/A	N/A
2.1.4	Have you implemented due diligence measures for responsible sourcing? (贵公司是否实施了负责任采购的尽职调查措施?)	N/A	N/A
2.1.5	Do you review due diligence information received from your suppliers against your company's expectations and have corrective action management? (贵公司是否根据贵公司的预期审查供应商提供的尽职调查信息, 并进行纠正措施管理?)	N/A	N/A
2.2 有害物质限制Restriction of Hazardous Substances			

2.2.1	Does the company produce or use hazardous materials that are deemed illegal under applicable local or national regulations, or which are subject to internationally agreed phase-outs or bans? (公司的产品或者生产过程中有无需要严格限制的有害物质?)	0	NC-01 公司HSF管理程序/政策仍停留在RoHS指令管理, 未涵盖新电池法规和REACH法规等限制物质要求。 The company's HSF management procedures/policies are still focused on RoHS directive management and do not cover the requirements for restricted substances under the new battery regulations and REACH regulations.
2.2.2	Does the list of materials used by the company include any restricted substances that need to be controlled? (公司使用的材料清单中是否有高关注度物质或者CMR物质?)	0	NC-02与供应商有签署“RoHS与REACH符合性承诺”, 但“承诺书”中列出的SVHC为223项物质, 未更新。未收集SVHC测试报告, 未明确是否有CMR相关物质。 The factory has signed a "RoHS and REACH compliance commitment" with the supplier, but the "commitment letter" lists 223 substances as SVHCs, which has not been updated. SVHC testing reports have not been collected, and it is unclear whether there are any CMR-related substances.
2.2.3	Is there a clear MSDS document available onsite for chemical material, and a second container for avoiding potential leakage (for dangerous/hazardous ones). (现场是否有明确的化学材料安全数据表(MSDS)文件, 以及避免潜在泄漏的第二个容器(危险/有害物质)。)	2	有收集和张贴化学品的MSDS, 分别存放, 制定防止化学品泄露的紧急应对措施。 Collect and post the MSDS for chemicals, store them separately, and establish emergency response measures to prevent chemical leaks.
2.2.4	Does the company place and store hazardous materials in accordance with regulations? (公司是否按规定放置并储存危险材料?)	2	有规定并按照要求放置和存储危险材料。 There are regulations for the placement and storage of hazardous materials according to requirements.
2.2.5	Is there any emergency measure for hazardous substance leakage on site? (现场是否有危险物质泄漏应急措施?)	2	现场有准备应对化学品泄露的紧急处置措施。 There are emergency response measures in place to deal with chemical spills on site.
2.2.6	Does the company conduct regular safety inspections on the use and storage of hazardous substances? (公司是否定期对危险物质的使用和储存进行安全检查?)	2	工厂每季度对危险化学品的使用与存储进行安全检查, 有“工业企业危险化学品存储、使用专项整治情况表(报告)”。 The factory conducts safety inspections on the use and storage of hazardous chemicals every quarter and has a 'Special Rectification Report on the Storage and Use of Hazardous Chemicals in Industrial Enterprises'.
2.2.7	Is the company in the process of phasing out any internationally banned materials? (公司是否正在逐步淘汰任何国际禁用材料?)	2	公司没有使用国家国际禁用逐步淘汰的相关材料。 The company did not use materials that are internationally banned for phased elimination.
2.2.8	Have you restricted the content of mercury (Hg), cadmium (Cd), lead (Pb) and other hazardous substances in the product to comply with REGULATION (EU) 2023/1542 and Regulation (EC) No 1901/2006? If yes, please provide the effective testing report within 1 year. (您是否限制了产品中的汞(Hg)、镉(Cd)、铅(Pb)和其他有害物质的含量, 以符合 REGULATION (EU) 2023/1542 和 Regulation (EC) No 1901/2006 的规定? 如果是, 请提供 1 年内的有效检测报告。)	1	同NC-01 只是收集了RoHS测试报告。 REACH有签署符合性承诺, 未收集测试报告。 Item 2.2.1 only collected RoHS test reports. For REACH, a compliance commitment has been signed, but no test reports have been collected.
3.0 供应链可追溯性Supplier Chain Traceability			
3.1 Supply chain management (供应链管理)			
3.1.1	Is there an authorized list of Suppliers and sub-contractors of raw materials/ components to be used in manufacturing goods? (是否有用于制造产品的原材料/组件的授权供应商和分包商名单?)	2	公司有合格供应商清单。 The company has a list of qualified suppliers.

3.1.2	Has the factory identified high-risk secondary suppliers? Please list the information of major raw material suppliers in the remarks column. If there are metallurgical factories in the supply chain that purchase cobalt, natural graphite, lithium, and nickel from conflict-affected and high-risk areas, this information must also be provided. (工厂是否确定了高风险次级供应商。请在备注栏列出主要原材料供应商的信息。如果供应链有冶金工厂从受冲突影响和高风险地区采购钴、天然石墨、锂和镍, 也需要提供信息。)	N/A	基于工厂产品的构成和原料, 没有高风险供应商会用到这些物质。 Based on the composition of factory products and raw material components, there are no high-risk suppliers that would use these substances.
3.1.3	Does the factory evaluate suppliers before initiating the purchasing process? Are records and information on qualified and unqualified suppliers kept? (工厂是否在启动采购程序前对供应商进行评估? 是否保存合格和不合格供应商的记录和信息?)	3	NC-03 工厂在启动采购程序前对供应商有进行质量方面的评估,但未包含社会与治理(ESG)要求。 The factory conducts a quality assessment of suppliers before initiating the procurement process, but does not include environmental, social, and governance (ESG) requirements.
3.1.4	Does the factory have traceability information about its suppliers, and do suppliers clearly communicate their traceability scope and requirements? (工厂掌握供应商的可追溯性信息并供应商清楚传达其可追溯性范围和要求?)	2	工厂有向供应商传递追溯要求, 要求供应商供货时明确批次信息。 The factory has communicated the traceability requirements to the suppliers, asking them to clearly provide batch information when delivering goods.
3.1.5	Does the factory consider the ESG capabilities and willingness of suppliers when selecting them?? (工厂在选择供应商时是否考虑到ESG的能力与意愿?)	0	NC-04工厂在选择供应商时, 未考虑到其ESG的能力。 The factory did not take into account the ESG capabilities of suppliers when selecting them.
3.2 Raw material control & storage (原材料的控制&储存)			
3.2.1	Does factory establish an effective material tracking system, such as part number, lot number & etc.? (工厂是否建立了有效的物料跟踪系统, 如零件编号、批号等?)	2	公司有物料ERP系统, 并辅以表单进行追溯管理。 The company has a material management system - ERP, supplemented by forms for traceability management.
3.2.2	Does IQC inspection record can trace to lot number or date code of raw material? (IQC 检验记录是否可以追溯到原材料的批号或日期代码?)	2	抽查检验规定和IQC检验记录单有记录来料日期和物料批次。 The inspection regulations and IQC inspection record form have records of the incoming material date and batch number.
3.2.3	Does company have designated areas to store / stack the specialty material to avoid mixing / contamination and if these area have demarcation for varies materials. (公司是否有存放/堆放特种材料的指定区域, 以避免混合/污染, 以及这些区域是否有不同材料的分界线?)	2	有设定化学品仓库。 原料仓库有按照品类放置, 以区分不同材料, 避免混合/污染。 There is a designated chemical storage warehouse. The raw material warehouse is organized by category to distinguish different materials and avoid mixing/pollution.
3.2.4	Check the storage method/container of components to avoid any risk. All materials are clearly identified, no materials mixed and poor handling & etc. (检查部件的储存方法/容器, 以避免任何风险。所有材料都有明确标识, 没有材料混放、处理不当等情况。)	2	有设定方法检验物料存储及其容器的方法, 以避免风险。并标识清楚, 防止混放等。(化学品只有硫酸、天然气和氢氧化钠。) There are methods established to check the storage of materials and their containers to avoid risks. They are labeled to prevent mixing, etc. (The chemicals include only sulfuric acid, natural gas, and sodium hydroxide.)
3.2.5	Is the method for correct materials released to production line adequate? (向生产线发放正确材料的方法是否适当?)	2	有发料单和系统记录物料的批号, 以防错误发放。 There are delivery orders and material systems to record the batch numbers of the materials to prevent incorrect issuance.
3.3 Manufacturing process control and Finished goods packing management (生产过程控制和成品包装管理)			
3.3.1	Is traceability system such as MES or similar system s? Are the production records to be keep well for traceability? (是否有可追溯系统, 如 MES 或类似系统? 是否妥善保存生产记录以进行追溯?)	6	生产过程表单和系统可以追溯生产的时间和批次。(物料、产品及过程的单据) The production process forms and systems can trace the time and batch of production.(documents of materials, products, and processes)

3.3.2	Can operators understand how to recognize appropriate materials to ensure right inputs for production? (操作员是否了解如何识别适当的材料, 以确保为生产提供正确的投入?)	2	操作员通过投料单上面的料号、批次号核对、记录来确保正确的投入使用。 The operator verifies and records the material number and batch number on the feeding list to ensure proper usage.
3.3.3	Are semi products, components, leftover kept and segregated well to avoid contamination? (半成品、部件、剩余物是否妥善保管和隔离以避免污染?)	2	半成品、物料有分开存储, 防止混入和污染。 Semi-finished products and materials are stored separately to prevent mixing and contamination.
3.3.4	Is traceability system such as MES available to implement tracking and management of the raw material, production, distribution, and sales processes of lithium batteries? (是否有追溯系统 (如 MES) 对锂电池的原材料、生产、配送和销售过程进行跟踪和管理?)	6	通过采购单、来料单、发料单、投料单、成品报检单等一系列管理表单和ERP系统, 可以追溯用于生产的原料批号。 Through a series of management forms such as purchase orders, incoming material lists, outgoing material lists, input lists, and finished product inspection forms, along with the ERP system, the batch numbers of raw materials used for production can be traced.
3.3.5	Is Supplier able to trace back all materials used to produce the part, until batch numbers of purchased raw materials / subcomponents? (供应商是否能够追溯用于生产部件的所有材料, 直至所购原材料/子部件的批号?)	2	通过发料单、投料单等一系列管理表单, 可以追溯用于生产的原料批号。 Through a series of management forms such as the material issuance form and the input form, the batch number of the raw materials used for production can be traced.
3.3.6	Is the format of battery code (battery passport) conformed to relative requirement? (电池代码 (电池护照) 的格式是否符合相关规定要求?)	N/A	产品不属于电池成品, 只是电池的玻璃纤维隔膜。 The product of the factory isn't belong to finished battery. Only battery separator is here.
3.3.7	Is system in place to ensure the traceability and identification of single products (where possible) and boxes / pallets? (是否有系统确保单个产品 (如有可能) 和包装箱/托盘的可追溯性和可识别性?)	2	成品报验单和生产任务单等有记录生产日期和批次号码, 可以实现批次追溯。(因为产品的特点, 没办法追溯单个产品, 但可以批次追溯) The finished product inspection sheet and production task sheet record the production date and batch number, allowing for batch traceability.(Due to the characteristics of the product, it is not possible to trace individual products, but batch tracing is possible.)
3.3.8	Are semi-finished and finished products reasonably classified and stored during the production process? (是否对生产过程中的半成品和成品进行了合理的分类并存放?)	2	半成品和成品有不同区域存放, 进行适宜的防护和识别、追溯性控制。 Semi-finished products and finished products are stored in different areas, with appropriate protection, identification, and traceability control.
3.3.9	Does all finished product recorded track information like batch No, Production order No or SN when inbound into finished warehouse into MES? (所有成品入库时是否将批号、生产单号或 SN 等信息记录到 MES 中?)	2	成品入库单和MES系统有记录批号、生产单号等信息。 The finished product storage receipt and the MES system have records of batch numbers, production order numbers, and other information.
3.3.10	Is traceability system effective from source of raw material and components through finished product? traceability up to the minerals production (particularly in Cobalt mining, Lithium- and Nickel-mining and processing) is ideal. (Refer to e- Appendix sheet) (从原材料和零部件的源头到成品的可追溯系统是否有效? 理想情况下, 可追溯性应延伸至矿产生产 (特别是在钴矿、锂矿和镍矿的开采及加工方面)。详情请参阅电子附录表格。)	6	抽查确认成品到原料的表单, 公司内产品和物料有追溯性管理, 可以实现有效的追溯。 Random checks confirm the forms of finished products to raw materials. The company has traceability management for products and materials, which allows for effective traceability.
3.4 Product storage and delivery control (产品储存和交付控制)			

3.4.1	Are procedures for the control and release for end products adequate? (最终产品的控制和放行程序是否适当?)	2	有成品报检和放行的程序, 以控制入库成品的质量和追溯性信息等。 There are procedures for inspecting and releasing finished products to control the quality and traceability information of the warehouse finished products.
3.4.2	Are storage facilities and handling methods appropriate for end products? (最终产品的储存设施和处理方法是否适当?)	2	成品放置在成品仓, 有适当的防护和识别标识, 确保存储的安全。 Finished products are placed in the finished product warehouse with appropriate protection and identification labels to ensure storage safety.
3.4.3	Is traceability system available to implement tracking and management of finished goods storage, distribution, and sales processes of lithium batteries? (是否有可追溯系统对锂的成品储存、配送和销售过程实施跟踪和管理电池?)	N/A	不属于成品电池。 Not finished battery.
3.4.4	Are there any finished product inspection procedures? Are shipments inspected and product numbers tracked? (是否有成品检验程序? 是否进行出货检验并可以追踪产品的编号?)	2	有成品检验控制程序, 出货检验表单可以追溯产品的批次。 There is a finished product inspection control procedure, and the shipment inspection form can trace the product
3.4.5	Can the factory monitor the containers of trucks during transportation? (工厂是否为企业提供了相应的信息帮助企业管控运输过程中可能出现的风险?)	1	NC-05 运输过程有委外。 工厂需获取原料/产品相关信息, 以管控运输过程的相关风险。 The transportation process is outsourced. Therefore, the factory needs to gain the information related to raw materials/products to control the relevant risks in the transportation process.
3.5 Documentation and training (文件和培训)			
3.5.1	Are all the records kept well for certain period as documented procedure defined? (at least 3 years) (是否按照文件规定的程序将所有记录妥善保存一段时间? (至少3年))	2	所有记录至少保存3年。 All records will be kept at least 3 years
3.5.2	Are the relevant operators trained and calibrated on traceability? And are training records available at site? Are there qualified staff for cross departments coordination? (相关操作人员是否接受过有关可追溯性的培训和校准? 现场是否有培训记录? 是否有合格人员负责跨部门协调?)	1	NC-06 公司没有进行溯源相关的培训。 The company has not conducted relevant traceability training.
3.5.3	Are supply chain transaction documentation available? – including supply contracts, purchase orders, invoices, bill(s) of lading, delivery records related to traceable materials. (是否有供应链交易文件? - 包括与可追溯材料有关的供应合同、采购订单、发票、提单、交货记录)	2	公司可以提供相关的资料和记录。 The company can provide relevant materials and records.
3.5.4	Does company have internal annual traceability validation in regularly to monitoring product traceability performance? (公司是否定期进行内部年度可追溯性验证, 以监控产品的可追溯性?)	1	NC-07 公司有追溯机制, 但未按期进行内部年度可追溯性验证。 The company has a traceability mechanism, but internal annual traceability verification regularly has not yet been conducted.
3.5.5	Have company developed and implemented a due diligence system & function team to its traceability system and its supplier's performance? (公司是否制定并实施了尽职调查制度, 并将其与可追溯性系统及其供应商的绩效结合起来?)	6	公司将相关要求传递给了供应商, 有展开物料材质成分的调查和追溯管理, 并与供应商的绩效相结合。 The company has passed the relevant requirements to the suppliers, conducted an investigation and traceability management of material composition, and integrated this with the performance of the suppliers.

4.0 环境，气候和人类健康Environment, climate and human health			
4.1	Air (空气)		
Ref (参考)	Question (问题)	Score (分数)	Auditor Comments (审计意见)
4.1.1	Does the company have formal plans or actions in place to control and/or reduce GHG emissions from company operations? (公司是否有正式的计划和行动去控制和减少公司运行过程中的温室气体排放?)	2	集团公司牵头，在基于2023年碳盘查结果以及后续年份产量增加情况下，要求每年组织层面碳排放不超过前一年水平。 The group company leads the initiative, requiring that the carbon emissions at the organizational level do not exceed the previous year's levels based on the 2023 carbon inventory results and the expected increases in production in subsequent years.
4.1.2	Has a greenhouse gas inventory been conducted? (是否编制温室气体清单?)	6	已编制基于2023年活动数据的温室气体清单。 A greenhouse gas inventory based on the 2023 activity data has been compiled.
4.1.3	Does the scope of greenhouse gas inventory include scope 3 emissions? (温室气体清单的范围是否包括范围3排放?)	0	NC-08:当前温室气体清单的系统边界仅涉及范围1和范围2，未量化范围3的排放。 NC-01: The current greenhouse gas inventory's system boundary only involves Scope 1 and Scope 2, and does not quantify Scope 3 emissions.
4.1.4	Has the greenhouse gas inventory been verified by a third party? (温室气体清单是否经过第三方核查?)	1	NC-09:基于2023年度温室气体核查报告显示，核查机构名称为：南京玻璃纤维研究设计院有限公司，该机构为客户母公司，因此23年的组织碳并未经过第三方核查。NC-02: Based on the 2023 greenhouse gas verification report, the name of the verification agency is: Nanjing Fiberglass Research and Design Institute Co., Ltd. This agency is the parent company of the client, therefore the carbon organization for 2023 has not been verified by a third party.
4.1.5	Are greenhouse gas control requirements imposed on suppliers? (是否对供应商提出温室气体控制要求?)	1	NC-10:未将碳足迹纳入供应商管控要求中，主要原因在于采购权在集团公司。 NC-03: The main reason for not incorporating the carbon footprint into supplier management requirements is that the purchasing authority lies with the group company.
4.1.6	Has the enterprise established a special working committee for energy conservation and emission reduction (energy conservation group/dual carbon Committee, etc.) (企业是否建立了专门的节能减排工作委员会/节能小组/双碳委员会?)	2	该公司建立了节能减排工作委员会，并于2024年制定了《碳达峰碳中和工作实施方案》。 The company has established an energy-saving and emission-reduction working committee, and in 2024, it formulated the "Implementation Plan for Carbon Peaking and Carbon Neutrality."
4.1.7	Has GHG emissions been monitored? (温室气体排放是否得到管控?)	2	定期半年做有组织废气、无组织废气检测报告。 Conduct organized and unorganized emission testing reports regularly every six months.
4.1.8	Does the company have measures to reduce GHG emissions? (公司是否有温室气体减排的办法?)	6	隔板生产线烘箱燃烧器余热回收，降低天然气消耗造成的直接排放。 Recycling waste heat from the oven burners in the partition production line to reduce direct emissions caused by natural gas consumption.
4.2	Water (水)		
4.2.1	Has the company identified and mapped its water withdrawal and use by source and type? (该公司是否按水源和类型对水资源的提取和使用进行了识别和划分?)	2	只有一种取水方式，即市政自来水。 There is only one type of water withdraw, which is municipal tap water.
4.2.2	Has the company undertaken water management plans, with time-bound targets that address major risks identified in the above criterion? (公司是否制定了有时限的目标的水管理计划，并根据上述标准确定了主要风险?)	2	基于年初提交的用水管理计划，每月核实用水实际情况是否完成计划目标，主要风险来自于预留的消防备用水，一旦出现消防事故可能导致当年用水总量超出计划目标。 Based on the water management plan submitted at the beginning of the year, the actual water usage is verified each month to see if it meets the planned targets. The main risk comes from the reserved fire-fighting water, which could lead to exceeding the planned water total for the year in the event of a fire accident.

4.2.3	What is the total amount of water used? Have water-saving measures been adopted? (总用水量是多少? 是否采取了节水措施?)	2	24年合计用水量137349t。节水措施: 凯登过滤器设备优化, 降低水单耗约7t。 The total water consumption over 24 years is 137,349 tons. Water-saving measures: optimizing the Kaiden filter equipment, reducing water consumption per unit by approximately 7 tons.
4.2.4	Are wastewater recycling measures implemented throughout the company facilities? (是否在公司设施中实施了废水循环管理?)	2	隔板产线废水经处置(絮凝沉淀、加碱中和)后回用于滤纸生产线。The wastewater from the partition production line is treated (flocculation sedimentation, alkaline neutralization) and then returned to the filter paper production line.
4.3	Soil (土壤)		
4.3.1	Does the company manage and control the adverse impacts of their activities on soil? (公司是否制定了管理计划和/或控制措施, 以消除对当地土壤的影响?)	2	因不是当地重点土壤监测单位, 未对厂区土壤进行监测。 Since this company is not a local key soil monitoring unit, soil monitoring has not been conducted in the factory area.
4.3.2	Does the company follow the conditions in their permit which tell them to prevent or minimise pollution and set limits on emissions to soil? (公司是否遵照许可中提到的防止和减少污染的条件, 并限制对土壤的排放?)	2	同4.3.1 Since this company is not a local key soil monitoring unit, soil monitoring has not been conducted in the factory area.
4.4	Biodiversity (生物多样性)		
4.4.1	Does the company manage and control the adverse impacts of their activities on biodiversity? (公司是否制定了管理计划和/或控制措施, 以消除对当地生物多样性的影响?)	0	NC-11:该公司生物多样性管理计划缺失。 NC-04:The company's biodiversity management plan is missing.
4.4.2	Does the company have targets and/or programmes to prevent or minimise risks and impacts to biodiversity? (公司是否有防止或减小风险和生物多样性的目标和/或计划?)	0	同NC-11:未设定生物多样性风险控制计划或目标。 Same as NC-04: No biodiversity risk control plan or goals have been set.
4.5	Noise and vibration (噪音和振动)		
4.5.1	Does company controls noise and vibration? (公司是否控制其噪音和振动?)	2	每半年度进行噪声监测, 平均分贝为48-51分贝。 Noise monitoring is conducted every half year, with an average decibel level of 48-51 decibels.
4.5.2	If the noise is too loud, is the factory equipped with noise and vibration reduction treatment facilities? (如果噪音过大, 公司是否配备了降噪减振处理设备?)	2	高负运转风机加装减震器, 生产车间装隔声窗。 Install shock absorbers on high-speed operating fans and install soundproof windows in the production workshop.
4.5.3	Is there regular monitoring of noise and vibration, and maintenance of monitoring reports? (是否定期监控噪音和振动, 并保存监控报告?)	2	每半年进行监测, 并保存监测报告。Monitor every six months and keep the monitoring reports.
4.6	Energy use (能源使用)		
4.6.1	Does the company monitor and measure its energy consumption from renewable and non-renewable sources? (公司是否有监控和检测他们对可再生和不可再生的能源消耗?)	6	通过电表读数和国网APP对公司能源消耗进行监测, 天然气通过计量表监测。 Monitor the company's energy consumption through the electric meter readings and the National Grid APP, with natural gas monitored through a metering device.
4.6.2	Has the enterprise currently carried out renewable energy production or consumption activities? (企业目前是否开展了可再生能源物质的生产或者消耗活动?)	0	NC-12:该公司当前生产不涉及可再生能源的消耗和生产。NC-05: The company's current production does not involve the consumption and production of renewable energy.
4.6.3	Where energy is supplied by the national grid, are there any controls in place to manage risks associated with this supply (e.g. power outages or dramatic price increases). (如果能源由国家电网供应, 是否有关于控制这种供应的风险管理? (停电或者价格大幅上涨))	2	公司制定了《断电应急处置预案》, 断电时启用备用电源。若电费上涨, 耗电量订单在谷时排产。The company has developed an "Emergency Plan for Power Outages," and backup power sources will be activated during power outages. If electricity costs rise, production will be scheduled during off-peak hours based on electricity consumption orders.

4.6.4	Are energy reduction measures implemented throughout the company facilities? (公司设备是否都有节能措施?)	2	逐步淘汰二级三级能耗，新采购设备不能低于二级能耗，打印机空调电脑等办公用品要求一级能耗。生产设备空压机优化，减少电量消耗。Gradually phase out equipments with Grade II and III energy consumption; newly purchased equipment must not be below Grade II energy consumption, and office supplies such as printers, air conditioners, and computers are required to have Grade I energy consumption. Optimize production equipment, such as air compressors, to reduce electricity
4.7	Waste and residues (废物或残留物)		
4.7.1	If contractors are used to dispose of solid waste, does the company monitor them and have documentary evidence of safe and legal disposal (i.e. duty of care for waste management)? (如果由承包商处置固体废物，公司是否会监督并保留文件证据证明(废物管理注意义务)其安全合法的处理?)	2	该公司固废由指定回收单位送往发电厂焚烧后填埋，并对处置过程进行视频监控。 The company's solid waste is sent to the power plant for incineration and then landfill by a designated recycling unit, and the disposal process is monitored by video.
4.7.2	Are waste materials segregated at the office/site locations ready for recycling etc.? (废物材料是否在办公室/现场进行分类以备回收?)	2	在生产现场进行分类。 Conduct classification at the production site.
4.7.3	Does the company have measures to reduce waste generation? (公司是否有措施减少废物产生?)	2	废包装桶原料加内衬，避免废包装桶收到污染；环保局牵头，活性炭申请6个月换一次，重复利用；滤纸干边回收减少原材料投入，2024年湿损切边节省原料投入240t。 The waste packaging barrels are lined with new materials to prevent contamination; the environmental protection bureau leads the initiative, requesting to change the activated carbon every 6 months for reuse; the dry edges of the filter paper are collected to reduce raw material input, and in 2024, the wet loss trimming is expected to save 240 tons of raw material input.
4.8	Total environment (总体环境)		
4.8.1	Are there any POPs substances in the factory's internal environment or equipment? (工厂内部环境或设备中是否有POPs类物质?)	2	公司声称供应链及设备中无pops物质。 The company claims that there are no pops substances in the supply chain and equipment.

5.0 社会，人权，劳工权益和劳资关系Social, human rights, labour rights and industrial relations			
Ref (参考)	Question (问题)	Score (分数)	Auditor Comments (审计意见)
5.1 Plant safety (工厂安全)			
5.1.1	Does the company have formal machine safety controls in place? (公司是否有正式的机器安全控制?)	2	有机械设备控制的程序并实施。MCSD-02-AH-2023-38 There are procedures for mechanical equipment which are implemented.
5.1.2	Does the company have formal electrical safety controls in place? (公司是否有正式的电气安全控制?)	2	安全生产控制的程序并实施。MCSD-02-AH-2023-09 The procedures for safety production control are implemented.
5.1.3	Does the company have formal chemical safety controls in place? Is MSDS available for dangerous chemicals? (公司是否有正式的化学安全控制? 是否有关于危险化学品的可用化学材料安全数据?)	2	化学安全安全控制的程序并实施。MCSD-02-AH-2023-50. There are established chemical safety control procedures, which are implemented.
5.2 Occupational health and safety (职业健康与安全)			
5.2.1	Does the company have a formal health and safety system in place designed for the protection of workers? (公司是否有旨在保护工人的正式健康与安全制度?)	2	公司有通过ISO45001认证, 有EHS管理机制。EHS/NBMC-QP-42 The company is certified by ISO 45001 and has an EHS management system.
5.2.2	Is there a formal process for the completion and review of Risk Assessments? (是否有完成和审查风险评估的正式程序?)	6	组织环境及风险控制程序。EHS/NBMC-QP-54,并有风险源识别清单。 Organizational environment and risk control procedures. EHS/NBMC-QP-54, along with a risk source identification checklist.
5.2.3	Does the company have a process to record, and investigate near misses and accidents and to ensure that corrective actions are effectively implemented? (公司是否有记录、调查险情和事故并确保有效实施纠正措施的程序?)	2	事故、事件调查处理控制程序 EHS/NBMC-QP-53 Accident and Incident Investigation and Control Procedure EHS/NBMC-QP-53
5.2.4	Does the company have data on OHS performance (e.g. Lost Time Injury Frequency Rates)? (公司是否有职业健康安全绩效数据 (如损失工时工伤频率)?)	2	公司有EHS绩效统计和相关证据, 如职业病危害因素检测报告、放射性计量检测、定期体检等措施。 The company has EHS performance statistics and related evidence, such as reports on occupational disease hazard factor detection, radiation measurement tests, and regular health check-ups.
5.2.5	Is formal OHS training provided to workers? (including part time, seasonal, indirect employees and other workers). This may be sector specific or relate to specific types of risk (e.g. falls from height, risk of fire, safe and defensive driving). (是否为工人提供正规的职业健康安全培训? (包括兼职、季节性、间接雇员和其他工人)。培训可针对具体部门或与具体风险类别有关 (如高处坠落、火灾风险、安全和防御性驾驶)?)	2	公司有开展安全培训, 如2025年5月23日有开展。 The company has conducted safety training, such as on May 23, 2025.
5.2.6	First aid equipment is stocked and accessible? (是否备有急救设备并可供使用?)	2	生产车间有配AED和小药箱。 The production workshop is equipped with AEDs and small medicine cabinets.
5.2.7	Are workers aware of PPE requirements and wearing PPE in designated areas? (工人是否了解个人防护设备的要求, 并在指定区域穿戴个人防护设备?)	6	工人有了解PPE穿戴的要求, 并佩戴。 Workers are aware of the requirements for wearing PPE.
5.2.8	Is drinking water accessible and adequate at each facility floor? (各楼层是否有足够的饮用水?)	2	公司车间有配桶装水饮水机。 The company workshop has a water dispenser with bottled water.
5.2.9	Are fire safety facility and equipment in normal condition? Are fire escape exits unblocked or unlocked? Are correct evacuation plots being posted at all floors of facility? (消防安全设施和设备是否处于正常状态? 消防通道是否畅通或未上锁? 设施各楼层是否张贴正确的疏散图?)	1	NC-14 消防疏散图中未标识出其张贴所在位置。 The posted location is not indicated on the fire evacuation map.

5.2.10	Are documented fire drills conducted at least once a year or per local law requirements? Does the facility have a written fire evacuation plan covering (1) roles and responsibilities in case of fire, and (2) evacuation routes, and (3) assembly area, and (4) fire equipment location, and (5) first aid location, and (6) emergency telephone numbers, and (2) how to checked off that no one is left unaccounted for in the building? (是否每年至少进行一次有记录的消防演习, 或按照当地法律要求进行消防演习? 设施是否制定了书面的消防疏散计划, 内容包括: (1) 发生火灾时的角色和责任; (2) 疏散路线; (3) 集合区域; (4) 消防设备位置; (5) 急救位置; (6) 紧急电话号码; (7) 如何核对建筑物中是否有人)	1	NC-15 工厂有安排消防演习, 如2024年6月有开展。但签到表未明确主题和时间、参与人数等。 The factory has arranged a fire drill, to be conducted in June 2024. However, the sign-in sheet does not clearly specify the theme, time, number of participants, etc.
5.3 Child labour (童工)			
5.3.1	Are there any child labours identified at the time of this audit? (本次审核时是否发现有童工?)	2	本次审核时未发现童工。 No child labor was found during this audit.
5.3.2	Are there specific requirements for minimum age? (对最低年龄是否有具体要求?)	0	NC-16 工厂未规定最低用工年龄。 The factory has not specified a minimum age for employment.
5.3.3	Does the company have effective procedures to verify the age of employees during recruitment? (公司在招聘时是否有有效的程序核实员工的年龄?)	2	有复印身份证, 核实年龄。 A photocopy of the ID card is required to verify the age.
5.3.4	If there are any young workers (typically under that age of 18) are they prohibited from undertaking high risk activities? (如果有任何年轻工人(通常未满18岁), 是否禁止他们从事高风险活动?)	0	NC-17 未规定年轻工人(通常未满18岁)的防护要求。 The protective requirements for young workers (usually under 18 years old) have not been specified.
5.4 Forced labour (强迫劳动)			
5.4.1	Are there any forced, bonded or involuntary labour identified at the time of this audit? (本次审核时是否发现有强迫劳动、债役劳动或非自愿劳动?)	6	未发现强迫劳动、债役劳动或非自愿劳动 This audit did not find any forced labor, debt bondage, or involuntary labor.
5.4.2	Are there specific requirements for forced labour? (是否对强迫劳动有具体要求?)	2	社会责任管理文件中有具体要求。“禁止强迫劳动与惩戒” There are specific requirements in the social responsibility management document. 'Prohibition of forced labor and punishment'.
5.4.3	Do workers' working hours comply with national employment regulations and core ILO Labour Conventions? (工人的工作时间是否符合国家就业法规和国际劳工组织的核心劳工公约?)	2	抽查了近三个月的考勤记录未发现违反加班规定的情况。 Random checks of attendance records for the past three months found no violations of overtime regulations
5.4.4	Is overtime voluntary? (加班是否自愿?)	2	员工加班是自愿的, 且很少加班。 Overtime work by employees is voluntary and occurs infrequently.
5.4.5	Has the institution withheld original personal identification documents such as ID cards and passports for employment purposes? (机构是否出于雇佣目的扣留了身份证和护照等个人身份证件原件?)	2	没有发现扣留员工身份证的情况。 No cases of retaining employees' ID cards were found.
5.4.6	Is it allowed for employees to resign after giving reasonable notice? (是否允许雇员在给予合理通知后辞职?)	2	员工按照流程提交离职申请后, 可以离职。 Employees can leave after submitting their resignation application according to the process.
5.5 Discrimination (歧视)			
5.5.1	Does the company implement Policies and processes to ensure respect for the rights of minority groups? (公司是否实施了确保尊重少数群体权利的政策和程序?)	2	社会责任管理制度规定, 员工不得因种族或民族而受到歧视。 The social responsibility management system stipulates that employees shall not be discriminated against because of their race or ethnicity
5.5.2	Are there specific requirements for the prohibition of discrimination? (是否有禁止歧视的具体要求?)	2	招聘和雇佣过程中(如薪酬、晋升、住宿、福利、奖励和培训机会), 公司不得基于种族或民族对员工进行骚扰或歧视。 During the recruitment and hiring process (such as compensation, promotions, housing, benefits, rewards, and training opportunities), the company must not harass or discriminate against employees based on race
5.6 Trade union freedoms (工会自由)			

5.6.1	Can workers freely express their opinions/concerns? (工人能否自由表达意见/关切?)	2	工人可以自由表达意见, 工厂有建立工会组织。 Workers can freely express their opinions, and the factory has established a trade union.
5.6.2	Do workers have the right of "Freedom of Association" or to "Collectively Bargain"? (工人是否享有“结社自由”或“集体谈判”的权利?)	2	公司在其社会责任管理体系中规定了结社自由和集体谈判权。 The company has specified freedom of association and collective bargaining rights in its social responsibility management system.
5.6.3	Are workers union representatives democratically elected and free to carry out their duties within working hours? (工会代表是否经民主选举产生, 是否可在工作时间内自由履行职责?)	2	工会选举制度安排。MCS02-02-GH-2023-03 Union election system arrangement.
5.7 Community life (社区生活)			
5.7.1	Is the company aware of its impact on local residents and taking measures to address it? (公司是否意识到对当地居民的影响并采取措施?)	2	公司为非重大风险企业, 如果新的项目实施公司会重新评估风险 The company is a non-significant risk enterprise, and if new projects are implemented, the company will reassess the risks.
5.7.2	Does the company value the opinions and suggestions of local residents and make improvements based on them? (公司是否重视周围居民的意见和建议, 并进行改进?)	2	作为当地较知名企业, 工厂重视周围居民的意见和建议。 As a well-known local enterprise, the factory values the opinions and suggestions of the surrounding residents.
6.0 治理, 管控和风险管理 Governance, management system and risk management			
6.1 Management system and internal control (管理系统和内部控制)			
6.1.1	Does the company have a formal ESG management system(s)? (i.e. ISO9001, ISO45001, SA8000 etc.) (公司是否有正式的 ESG 管理体系? (例如 ISO9001、ISO14001、ISO45001、SA8000 等))	2	集团公司有建立ESG管理体系, 对ESG要求进行管理。工厂有通过了ISO9001&TS16949、ISO14001、ISO45001认证。 The group company has established an ESG management system and manages ESG requirements. The factory has been certified by ISO9001 & TS16949, ISO14001, and ISO45001.
6.1.2	Does the company have an adequate internal control system in place? (公司是否有适当的内部控制系统?)	2	集团公司有进行内部审核、管理评审, 并编制ESG报告。 The group company has conducted internal audits, management reviews, and prepared ESG reports.
6.1.3	Does the company have an effective quality management system and internal control for product quality control? (公司是否有有效的质量管理体系及内部控制来控制产品质量?)	2	公司通过了ISO9001&TS16949来控制产品的质量。 The company has passed ISO9001 & TS16949 to control product quality.
6.2 Risk management (风险管理)			
6.2.1	Does the company have a risk management system and has it conducted a risk analysis? (公司是否有风险管理系统并进行过风险程度的分析?)	2	公司有实施合规管理和企业内部控制基本规范等进行风险程度的分析。 The company has implemented compliance management and basic standards for internal control to analyze the level of risk.
6.2.2	Does the company have risk prevention and risk remediation measures in place? (公司是否有风险预防措施和风险补救措施?)	2	有制定风险控制闭环控制流程, 控制合规风险。 A formulated closed-loop control process for risk management has been established to manage compliance risks.
6.2.3	Does the company take action for the high ESG risks? (公司是否对现有的风险管理制度设置了投诉或建议的机制? 是否将管理记录进行妥善的保存?)	2	有设置举报电话、举报信箱和廉洁、反贿赂机制等。 There are established reporting hotlines, complaint boxes, and mechanisms for integrity and anti-bribery.
6.3 Anti-Corruption (反腐败)			
6.3.1	Is there a formal written anti-corruption policy, and are cases regularly reviewed and recorded? (是否有正式书面的反腐败政策, 并定期审核和记录案例?)	6	公司已制定《反贪腐政策声明》、《商业道德行为规则》等公司守则和实施记录。 The company has established the "Anti-Corruption Policy Statement," "Code of Business Ethics," and other company regulations and implementation records.

6.3.2	Does the company work with relevant stakeholders to promote anti-corruption and create a level playing field? (公司是否与相关利益方合作, 呼吁反腐败, 并营造公平的竞争环境?)	2	有与供应商签署“廉政经营承诺书”, 呼吁反腐败等 Signed an "Integrity Management Commitment" with suppliers, calling for anti-corruption, etc.
6.3.3	Does the company have Whistleblowing policy/company documents designed to encourage employees to report instances of bribery and corruption and other corporate wrongdoing? (公司是否有举报政策/公司文件, 鼓励员工举报贿赂、腐败和其他公司不法行为?)	1	NC-18 设置员工反馈的意见箱, 但意见箱的位置未规避摄像头。 Set up a suggestion box for employee feedback, but the location of the box does not avoid cameras.
6.4 Code of Conduct (行为准则)			
6.4.1	Does the company have a Company Code of Conduct and/or policies? (公司是否有《公司行为守则》和/或政策?)	2	公司已制定了《商业道德行为规则》 The company has established the 'Code of Business Ethics'.
6.4.2	Is the Code of Conduct included in contracts and/or agreements with suppliers and business partners? (与供应商和业务伙伴签订的合同和/或协议中是否包含《行为守则》?)	6	与供应商签署“社会责任承诺书”、“职业健康安全协议”等 Have signed 'Social Responsibility Commitment' and 'Occupational Health and Safety Agreement' with suppliers.
6.4.3	Has the company established procedures for monitoring compliance with the Code of Conduct? (公司是否设立了监督《行为准则》遵守情况的程序?)	2	公司与供应商签署的协议文件中包括了相关内容。 The agreement document signed between the company and the supplier includes relevant content.
6.5 Grievance mechanism (申诉机制)			
6.5.1	Does the company have a grievance mechanism? (公司是否有申诉机制?)	2	公司已制定供应链责任管理、申诉管理及员工意见反馈服务管理相关规定。 The company has established rules for supply chain responsibility management, appeal management, and employee voice service management.
6.5.2	Is it accessible, transparent, understandable and culturally and gender sensitive? (该机制是否可及、透明、易懂, 并具有文化和性别敏感性?)	2	公司的申诉的途径很明确。 The channels for complaints at the company are very clear.



SUPPLY CHAIN MAPPING（供应链图）

3.1 Mineral Supply Chain Mapping（矿产供应链映射）

NA

3.1.1 Mineral Supply Chain Mapping（矿产供应链图）



3.2 Actual Traceability Practice Verification（可追溯性实践验证）

Traceability Mapping（可追溯图表） AGM隔膜-25SD574（1902kg）

Supplier Information（供应商信息）	Production Transportation Process（生产运输过程）	Traceability Connecting Points（可追溯性联系点）		Quantity Information（数量信息）	Source of Information（信息来源）	Brief Introduction of Traceability（可追溯性简介）
中材科技膜材料（山东）有限公司 Sinoma Membrane Material (Shandong) Co., Ltd.	原料：玻璃纤维棉 过程：来料-打浆-抄纸-烘干-卷取-成品报检 Raw material: Glass fiber wool Process: Raw material - pulping - paper making - drying - winding - finished product inspection	文水新名源材料科技有限公司 (Wenshui Xinmingyuan Material Technology Co., Ltd) 34号玻璃纤维棉 No.34 Fiberglass cotton	原料1批次号 (Lot No): XMY202505003	1000包 1000 packages	从完成品到原料，来料检验单 From the finished product documents to the raw materials and incoming inspection documents.	任意抽取一批恒力关联成品-AGM隔板（批次:25SD574），从成品报检单开始，依次倒推“卷取”、“抄纸”和“打浆”等过程的表单，最后到原料投料表（工艺单）。获取使用原料的数量和批次，然后到来料检验单。 Randomly select a batch of finished products related to Hengli (batch: 25SD574), starting from the finished product inspection report, and successively trace back the forms of 'winding', 'copying paper', and 'pulping', finally reaching the raw material input form (process document).
		石嘴山市盛港煤焦化有限公司 (Shizuishan Shenggang Coal tar Hua Company) 34号玻璃纤维棉 No.34 Fiberglass cotton	原料2批次号 (Lot No): SG202506005	12000包 1200 packages	从完成品到原料，来料检验单 From the finished product documents to the raw materials and incoming inspection documents.	
		天津世锦科技有限公司 (Tianjin World Champion Technology Co., Ltd.y) 24号玻璃纤维棉 No.34 Fiberglass cotton	原料3批次号 (Lot No): SJ202506010	925包 925 packages	从完成品到原料，来料检验单 From the finished product documents to the raw materials and incoming inspection documents.	

TRACEABILITY EVIDENCE (可追溯性证据)

4 Traceability Evidence (可追溯性证据)

1. Production Record of The serial Numbers are selected (选定序列号的生产记录)
-Finished Product Inspection Sheet

AGM隔板成品检验记录					
生产日期		检验日期	检验员	温度	产线
120		7.1	陈红	26℃	3
客户		任务书	数量	产品规格	
10		10176	17017	17017	
序号	检验项目	标准值	规格/检验员	测试数据	判定结果
1	厚度mm 10.0 _{±0.1}	17-17.3	04-06	17.0	17.0
				17.1	17.1
				17.2	17.2
				17.3	17.3
				17.4	17.4
2	尺寸mm	长	170.0	170.0	
		宽	170.0	170.0	
		对角线			
3	外观	洁白平整			
4	对折开裂	折前不开裂			
5	定量g/m ²	140-150	145	143	
6	强度kN/m	拉伸强度	28.5	28.5	
		强度			
7	吸水率	29.0	29.0	29.0	
8	酸度mN	25	25	25	
9	孔率%	91.0	91.0	91.0	
10	最大孔径μm	<22	18.9	18.2	
11	水分%	0.32	0.32	0.31	
12	回弹率%	29.8	29.8	29.8	
13	吸酸g/块	2.85	2.85	2.85	
14	加压吸酸g/g	2.5	2.5	2.5	
15	烧失重%				
16	湿筛性%				
17	电阻Ω·cm				
18	浸酸失重%				
19	铁含量mg/g	≤0.05	0.014	0.014	
20	铜含量mg/g	≤0.03	0.003	0.003	
21	正阻0.04 mV/g	6.5	6.5	6.5	
22	自燃点	≥260℃	260℃	260℃	
23	热稳定性	1000h	1000h	1000h	
24	吸酸能力	21.25	21.25	21.25	
25	角系数	5.0	5.0	5.0	

[illegible]

2.1 Production Process of The serial Number is selected-Followchart and finished product storage.(选定产品生产过程-生产工艺单及成品入库)

AGM隔膜生产工艺单					MMC-FB-SEP-DM-a-03-001 A/1	
日期	2025/6/30	工艺单号	S0574	使用区域	3线	审核
任务单号	2505074	客户	江西恒力	工艺	陈文文	张德志
热机规格	生产量	车型	成品规格	压力	管径	
厚度×宽度×数量	Kg	厚度×长度×数量	KPa	10	±10mm	
1.93157*10	1902	6.3米/分钟±0.5	1.93157		550	
工艺要求						
制浆	1#硫酸机	硫酸时间5	原料/批号			
	2#硫酸机	硫酸时间5	原料/批号	新嘉坡34" SR	干位	世锦24" SR
	备注					
抄纸	第一道筛	白水流量 m³/h	抄纸		纸浆浓度 %	
	入抄物					
	纸面水分 %	纸面水分标准			0.065±0.015	
烘干	烘箱					
	温度(±)					
性能要求						
成品规格	成品厚度 mm	机后厚度 mm	强度 kN/m	孔率 %	孔距 mm	重量 g/㎡ mm
1.93157	1.97-1.93	1.97-1.93	≥0.98	≥20	≤23	149-150
				低碱	水份 %	碱度 mmol/m²
				≥8.5	≤0.5	≥300
				≥0.008	注意产品不露出开孔	
				≥60	复度 ±0.5mm	吸液率 g/g
				50g/m²吸液 g/g	117	≥8.5
				≥0.5	铁含量 %	铁含量 %
				正负再复测	≤0.003	≤0.003
				Seize 内无杂质分布, 颗粒聚集	≤0	颗粒度 180# 34" ≥50
工艺调整记录						
序号	调整内容		调整原因		签字	时间
1						
2						
3						
4						

单据状态

全部

类型

收货

移动类型

全部

☒ 包含其他人单据

组织

南京有限-微纤维公司

接收公司

南京有限-微纤维公司

日期范围

2025.06.01

—

2025.06.01

单据编号

保管

物料分类

物料

制单人

马闯

过选

×

◀

▶

共 92 条信息, 每页 800 条记录, 1 / 1 页

GO

<input type="checkbox"/>	单据日期	单据编号	业务类型	移动类型	是否...	公司	组织	仓库
<input type="checkbox"/>	2025.06.01	CR2025060042	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060043	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060044	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060045	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060046	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060047	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060048	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060049	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060050	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060051	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060052	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060053	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060054	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060055	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库
<input type="checkbox"/>	2025.06.01	CR2025060063	采购收货单...	内部采购入库 蓝单		南京有限-微纤维...	南京有限-微纤维...	微纤维泰州仓库

2.2 Production Process of The serial Number is selected (选定产品生产过程-卷取过程)



TRACEABILITY EVIDENCE (可追溯性证据)

AGM隔膜卷取记录										
NINE-PR-SMC-SEP-a-03-004 A/1										
班次	卷号	规格	外观	日期				6-30	SD574	
任务单号	卷号	规格	外观	干厚mm				卷径mm	重量kg	分切宽度
										记录时间 (H:M)
SD574	1	1.3x157	合格	1.88	1.88	1.87	1.87	5.60	6.00	1.57
SD574	2	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	3	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	4	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	5	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	6	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	7	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	8	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	9	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	10	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	11	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	12	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	13	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	14	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	15	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	16	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	17	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	18	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	19	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	20	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	21	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	22	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
SD574	23	1.3x157	合格	1.87	1.87	1.87	1.87	5.60	6.00	1.57
任务单号	规格	(平均) 成品重量		干边重量		损耗		损耗	电	
SD574	1.3x157	1.87mm		1.87mm		损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
						损耗		损耗	电	
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						损耗		损耗	电	
						损耗		损耗	电	
		</								



TRACEABILITY EVIDENCE (可追溯性证据)

2.3 Production Process of The serial Number is selected (选定产品生产过程-抄纸过程) Screening and molding process

AGM隔膜抄纸记录 20

日期: 2025-8-20 班次: 夜 班组: 抄 任务单号: 50570

卷号	规格	重量 (kg)	白电流量 (kg)	浆料内比	真空压力	车速 (m/min)	烘于温度	记录时间 (日/时)
							1 2 3	
1	1.9x1.57						18.0 18.0	20:25
2	1.9x1.57						9 20:47	
3	1.9x1.57						9 21:10	
4	1.9x1.57						10 21:40	
5	1.9x1.57						10 21:25	
6	1.9x1.57						10 22:17	
7	1.9x1.57						11 22:40	
8	1.9x1.57						11 23:02	
9	1.9x1.57						10 23:25	
10	1.9x1.57						10 23:47	
11	1.9x1.57						10 01:10	
12	1.9x1.57						10 01:20	
13	1.9x1.57						10 01:55	
14	1.9x1.57						10 11:17	
15	1.9x1.57						11 12:40	
16	1.9x1.57						11 2:09	
17	1.9x1.57						11 2:25	
18	1.9x1.57						11 2:47	
19	1.9x1.57						11 3:10	
20	1.9x1.57						11 3:32	
21	1.9x1.57						11 3:55	
22	1.9x1.57						11 4:17	
23	1.9x1.57						11 4:40	
24	1.9x1.57						5:08	
25	1.9x1.57						5:15	
26	1.9x1.57						5:47	
27	1.9x1.57						6:10	

总计: 407 产品合格率: 100%

2.4 Production Process of The serial Number is selected (选定产品过程-打浆过程) Pulping process

AGM隔膜生产打浆记录 24

日期: 2025-8-20 时间: 20:00-8:00 班次: 夜

原料名称: 20250805 20250809 20250810

卷号	原料名称	批号	重量 (kg)	打浆时间 (S)	白水内比	打浆时间 (S)	白水内比	打浆时间 (S)	白水内比
1#	20250805			20:04 2:13	5	20:41 2:03	5		
				21:20 2:16	5	21:57 2:02	5		
				22:34 2:11	5	23:15 2:00	5		
				23:51 2:03	5	24:30 2:08	5		
				0:57 2:05	5	1:30 2:05	5		
2#	20250809			2:05 2:04	5	2:38 2:01	5		
	20250810			3:07 2:08	5	3:40 2:05	5		
				4:09 2:09	5	4:45 2:01	5		
				5:13 2:06	5	5:50 2:08	5		
				6:20 2:08	5	7:00 2:08	5		
				7:37 2:06	5				

原料名称: 20250805 20250809 20250810

打浆工签名: 郭保国 赵建明

合计: 2100kg 班组长审核: 袁伟平



TRACEABILITY EVIDENCE (可追溯性证据)

2.5 Production Process of The serial Number is selected (选定产品过程-来料检验单) Incoming Material Inspection Sheet Of Raw Materials


AGM隔膜原料进厂检验表 I														
规格: 2.5 批号: 20230605 到库数量: 10000														
检验项目	标准	1	2	3	4	5	6	7	8	9	10	平均值	判定	备注
1 外观	目视洁白无杂质	37	37	38	40	37	38	37	37	37	38	37.5	合格	
2 可解度	1	1	1	1	1	1	1	1	1	1	1	1	合格	
3 透水性	1	1	1	1	1	1	1	1	1	1	1	1	合格	
4 使用重量	1	1	1	1	1	1	1	1	1	1	1	1	合格	
5 厚度	1	1	1	1	1	1	1	1	1	1	1	1	合格	
6 抄片	1	1	1	1	1	1	1	1	1	1	1	1	合格	
7 膜重量	1	1	1	1	1	1	1	1	1	1	1	1	合格	
8 开包重量	1	1	1	1	1	1	1	1	1	1	1	1	合格	
9 含水量	1	1	1	1	1	1	1	1	1	1	1	1	合格	
10 透球含量	1	1	1	1	1	1	1	1	1	1	1	1	合格	
11 沉降容	1	1	1	1	1	1	1	1	1	1	1	1	合格	

检验员: 张明 检验日期: 2023.6.5 审核: 张明 批准: 张明


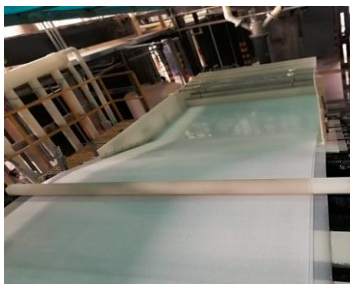




FACTORY PHOTO FILE （工厂照片文件）

Part A: The Factory Outlook （A部分：工厂外观）

Factory view （工厂外观）		Factory view （工厂外观）	
Factory view （工厂外观）		ESG report （ESG报告）	

Part B: Production process （B部分：生产过程）

pulping process （制浆工序）		Select forming process （抄取工序）	
pulping process （制浆工序）		Coiling process （卷取工序）	

Part C: Warehouse （C部分：仓库）

Raw materials （原材料）	 	Finished goods （成品）	
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FACTORY PHOTO FILE (工厂照片文件)

半成品



Part D: Photo for ESG (D部分: ESG照片)

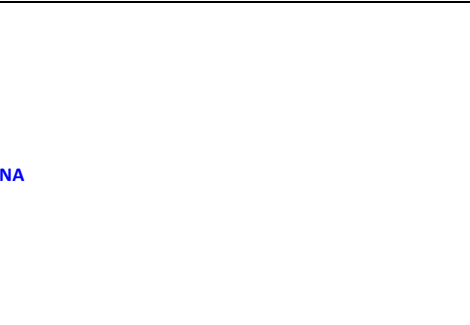
kitchen (厨房)



Canteen (食堂)



Dormitory (宿舍) NA



Chemical material store (化学材料仓库)



MSDS disclosed (MSDS披露)



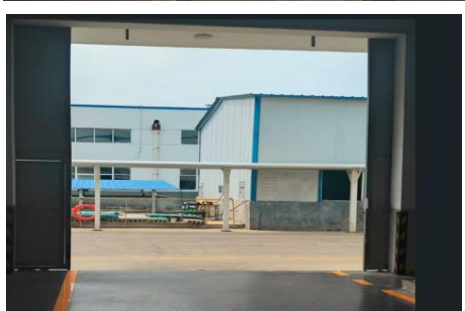
Washing eyes equipment (洗眼设备)



Escape Map (逃生地图)



Emergency exit (紧急出口)



Fire safety equipment
, Fire hydrant
and extinguishers
(消防安全设备, 消防栓和灭火器)



Medicine kit (医疗箱)



(风险清单与
AED设备)



Suggestion box
(意见箱)



Part E: Non-conforming Photo (E部分: 不符合要求的照片)

逃生图无张铁位
置标识



意见箱对应的摄像头

