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CNAS VV003-EI



温室气体排放核查声明

证书号: 04126GHGA20334

责任方: 恺博 (常熟) 座椅机械部件有限公司

2025 年度温室气体盘查报告

(发布日期: 2026 年 6 月 19 日; 覆盖的时段: 2025 年 1 月 1 日-2025 年 12 月 31 日)

已经依据 ISO 14064-3:2019 的要求通过核查

满足核查准则要求, 达到合理保证等级且满足实质性要求

核查准则: ISO 14064-1:2018

核查方案: ISO/IEC 17029:2019; ISO 14065:2020; ISO 14064-3:2019
IAF MD6:2023; ISO 14066:2023

组织 GHG 核查范围: 被核查的温室气体宣称:

2025 年度恺博 (常熟) 座椅机械部件有限公司温室气体盘查报告

组织边界:

组织按照运营控制权原则确定的位于中国江苏省常熟市东南开发区银海路 69 号地址的恺博座椅机械部件有限公司所有产生 GHG 排放和清除量的设施。

经营及活动范围:

汽车座椅机械零部件 (含盖座椅滑轨、调角器、锁扣和座椅调节机构) 的生产和销售

覆盖的时间段:

自 2025 年 1 月 1 日-2025 年 12 月 31 日

温室气体排放类别:

■类别 1 ■类别 2 ■类别 3 ■类别 4 □类别 5 □类别 6

总排放量: 594,985 tCO₂e (电力排放因子基于位置)
582,037 tCO₂e (电力排放因子基于市场)

核查机构类型: 第三方

核查声明发布日期: 2026 年 7 月 17 日

委托方: 恺博 (常熟) 座椅机械部件有限公司

核查目的、保证等级、实质性限值、GHG 声明目标用户等详细信息见本核查声明附录 A, 子类别排放量详细信息见本核查声明附录 B, 附录为本核查声明的组成部分



总经理



华测认证有限公司

中国广东省深圳市宝安区新安街道留仙三路 4 号华测检测大楼 8 楼 A 区

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温室气体排放核查声明附录 A

证书号: 04126GHGA20334

核查过程简述: 华测认证有限公司依据 ISO 14064-3:2019 标准对恺博(常熟)座椅机械部件有限公司在 2025 年 1 月 1 日至 2025 年 12 月 31 日期间的温室气体排放进行核查。

涉及领域及类别: 一般制造 (02)

核查目的:

- a) 评价温室气体盘查报告满足 ISO 14064-1:2018 要求
- b) 评价温室气体盘查报告的一致性、完整性
- c) 确认温室气体盘查过程和排放量计算的正确合理性
- d) 评价组织的温室气体相关控制情况

保证等级: 合理保证等级

实质性限值: 5%

温室气体声明目标用户: 受核查方经营活动涉及的利益相关方

为温室气体声明提供支持 属于历史事实

的数据和信息的性质:

包含的温室气体种类: ☒ CO₂ ☒ CH₄ ☒ N₂O ☒ HFCs ☐ PFCs ☐ SF₆ ☐ NF₃
☐ 其他

类别 1 排放量: 7,155.73 tCO₂e

类别 2 排放量: 41,375.06 tCO₂e (电力排放因子基于位置)
28,427.04 tCO₂e (电力排放因子基于市场)

类别 3 排放量: 27,676.64 tCO₂e

类别 4 排放量: 518,777.16 tCO₂e

总排放量: 594,985 tCO₂e (电力排放因子基于位置)
582,037 tCO₂e (电力排放因子基于市场)



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温室气体排放核查声明附录 B

证书号：04126GHGA20334

本声明包含的子类别排放量信息

类别描述		是否量化	排放量 (tCO ₂ e)
类别 1: GHG 直接排放和清除			7,155.73
1.1	固定燃烧源的排放	是	6,090.60
1.2	移动燃烧源的排放	是	14.73
1.3	工业过程排放和清除	NA	NA
1.4	来自人类活动的逸散排放	是	1050.40
1.5	土地利用、土地利用变化和林业产生的排放和清除	NA	NA
类别 2: 输入能源产生的 GHG 间接排放			41,375.06 (基于位置) 28,427.04 (基于市场)
2.1	输入电力产生的间接排放 (基于位置)	是	41,375.06
2.1	输入电力产生的间接排放 (基于市场)	是	28,427.04
2.2	输入能源产生的间接排放	NA	NA
类别 3: 运输产生的间接 GHG 排放			27,676.64
3.1	货物上游运输和配送产生的排放	是	9,353.85
3.2	货物下游运输和配送产生的排放	是	14,357.85
3.3	员工通勤产生的排放	是	3,736.48
3.4	客户和访客交通产生的排放	否	0
3.5	商务差旅产生的排放	是	228.46
类别 4: 组织所用产品产生的间接 GHG 排放			518,777.16
4.1	购买货物产生的排放	是	512,873.12
4.2	资本货物产生的排放	是	2,995.31
4.3	固体和液体废物处置产生的排放	是	1,635.94
4.4	资产使用产生的排放	NA	NA
4.5	使用上述子类别中未包含的服务 (咨询、清洁、维护、邮件递送、银行等) 产生的排放	是	1,272.79
合计 (电力排放因子基于位置)			594,985
合计 (电力排放因子基于市场)			582,037



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GREENHOUSE GAS VERIFICATION STATEMENT

Certificate No.: 04126GHGA20334

The 2025 Greenhouse Gas Inventory Report of
Responsible party: KEIPER(Changshu) Seating Mechanisms Co., Ltd.

(Issue date: June 19, 2026; Time period: January 1, 2025- December 31, 2025)

has been verified in accordance with ISO 14064-3:2019 with the materiality and the level of assurance satisfied.

Verification Criteria : ISO 14064-1:2018
Verification Programmes: ISO/IEC 17029:2019; ISO 14065:2020; ISO 14064-3:2019; IAF MD6:2023; ISO 14066:2023
Boundary(ies) : Verified greenhouse gas statement:
The 2025 Greenhouse Gas Inventory Report of KEIPER (Changshu) Seating Mechanisms Co., Ltd.
Organizational boundaries:
All facilities under the operational control and related to greenhouse gas emissions and removals of KEIPER(Changshu) Seating Mechanisms Co., Ltd., which located at No. 69, Yinhai Road, Southeast Development Zone, Changshu, Jiangsu Province, P.R. China.
Scope of business and activities:
Production and sales of automotive seat mechanical components, including seat slides, recliners, locks, and seat adjustment mechanisms
Time period:
January 1, 2025- December 31, 2025
GHG Category(ies):
☒ Category 1 ☒ Category 2 ☒ Category 3
☒ Category 4 ☐ Category 5 ☐ Category 6.

Total emissions : 594,985 tCO₂e (Location-based grid emission factor)
582,037 tCO₂e (Market-based grid emission factor)

Type of entity : Third-party
Issue date : July 16, 2026

Commissioned by : KEIPER(Changshu) Seating Mechanisms Co., Ltd.

Details of verification objectives, level of assurance, materiality threshold, and intended users of the GHG statement, etc. are provided in Appendix A; details of sub-category emissions are provided in Appendix B.

These appendices form an integral part of this verification statement.



General manager



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APPENDIX A TO THE GREENHOUSE GAS VERIFICATION STATEMENT

Certificate No.: 04126GHGA20334

Description of the verification:	CTI verified the inventory of Greenhouse gas emissions in the year 2025 of KEIPER(Changshu) Seating Mechanisms Co., Ltd. according to ISO 14064-3:2019.
Scope:	General Manufacturing (02)
Verification objectives:	a) Evaluate whether the GHG inventory report meets the requirements of ISO 14064-1:2018 b) Evaluate the consistency and completeness of the GHG inventory report c) Verify the correctness and reasonableness of the GHG accounting and reporting d) Evaluate the GHG-related management controls at the organization level
Level of assurance:	Reasonable
Materiality threshold:	5%
Intended users of the GHG statement:	Stakeholders involved in the business activities
Nature of data and information supporting the GHG statement:	Historical facts
GHGs included:	■ CO ₂ ■ CH ₄ ■ N ₂ O ■ HFCs □ PFCs □ SF ₆ □ NF ₃ □ Other
Category 1 Emissions:	7,155.73 tCO ₂ e
Category 2 Emissions:	41,375.06 tCO ₂ e (Location-based grid emission factor) 28,427.04 tCO ₂ e (Market-based grid emission factor)
Category 3 Emissions:	27,676.64 tCO ₂ e
Category 4 Emissions:	518,777.16 tCO ₂ e
Total Emissions:	594,985 tCO ₂ e (Location-based grid emission factor) 582,037 tCO ₂ e (Market-based grid emission factor)



General manager



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APPENDIX B TO THE GREENHOUSE GAS VERIFICATION STATEMENT

Certificate No.: 04126GHGA20334

Sub-category emissions information contained in this statement

Category Description		Quantified	Emissions(tCO ₂ e)
Category 1: Direct GHG emissions and removals			7,155.73
1.1	Direct emissions from stationary combustion	Yes	6090.60
1.2	Direct emissions from mobile combustion	Yes	14.73
1.3	Direct process emissions and removals from industrial processes	NA	NA
1.4	Direct fugitive emissions from the release of GHGs in anthropogenic systems	Yes	1050.40
1.5	Direct emissions and removals from land use, land use change and forestry (LULUCF)	NA	NA
Category 2: Indirect GHG emissions from imported energy			41,375.06 (Location-based) 28,427.04 (Market-based)
2.1	Indirect emissions from imported electricity (Location-based)	Yes	41,375.06
2.1	Indirect emissions from imported electricity (Market-based)	Yes	28,427.04
2.2	Indirect emissions from imported energy	NA	NA
Category 3: Indirect GHG emissions from transportation			27,676.64
3.1	Emissions from upstream transport and distribution for goods	Yes	9353.85
3.2	Emissions from downstream transport and distribution for goods	Yes	14357.85
3.3	Emissions from employee commuting	Yes	3736.48
3.4	Emissions from client and visitor transport	No	0
3.5	Emissions from business travel	Yes	228.46
Category 4: Indirect GHG emissions from products used by organization			518,777.16
4.1	Emissions from purchased goods	Yes	512873.12
4.2	Emissions from capital goods	Yes	2995.31
4.3	Emissions from the disposal of solid and liquid waste	Yes	1635.94
4.4	Emissions from the use of assets	NA	NA
4.5	Emissions from the use of services that are not described in the above subcategories include consulting, cleaning, maintenance, mail delivery, bank, etc.	Yes	1272.79
Total (Location-based grid emission factor)			594,985
Total (Market-based grid emission factor)			582,037



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