



Bureau of Environmental Protection
Beijing

温室气体核算报告 (2022年)

中天科技股份有限公司 (Zhangtian Technology Co., Ltd.) 必维环境 (北京) 有限公司 (Bureau of Environmental Protection, Beijing) 对报告边界内
内的温室气体排放进行第三方核查。

| 排放源 | 温室气体 | 排放因子 | 备注 |
|------------------|------------------|------------------------|---------------------------|
| 类别 | 设备 | | |
| 直接温室气体排放 | 焊接机乙炔 | CO ₂ | 量平衡方法 |
| | 焊接机二氧化碳 | CO ₂ | 量平衡方法 |
| | 烘烤机液化石油气 | CO ₂ | PCC 2006 |
| | | CH ₄ | PCC 2006 |
| | | N ₂ O | PCC 2006 |
| | | CO ₂ | PCC 2006 |
| | 公务用车汽油 | CH ₄ | PCC 2006 |
| | | N ₂ O | PCC 2006 |
| | | CO ₂ | PCC 2006 |
| | | 货车柴油 | CH ₄ |
| N ₂ O | | | PCC 2006 |
| CO ₂ | | | PCC 2006 |
| 叉车柴油 | CH ₄ | PCC 2006 | |
| | N ₂ O | PCC 2006 | |
| | CO ₂ | PCC 2006 | |
| 输入能源间接温室气体排放 | 外购电力 | tCO ₂ e/MWh | 在中国区域CO ₂ 排放因子 |
| | 外购蒸汽 | tCO ₂ e/GJ | 2022 年全国电力交易配额与分配实施 |

REAU VERITAS

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| | | | | | |
|-----------------------------|-----------------|----------------------|-------|---------|--------------------------|
| 运输过程 间接温室 气体排放 | 货物 | kg CO ₂ e | 0.07 | /ton*km | 中国产 生命周期温室气 体排放系数库 |
| |) | kg CO ₂ e | 0.07 | /ton*km | |
| |) | kg CO ₂ e | 0.08 | /人*km | |
| |) | kg CO ₂ e | 0.07 | /人*km | |
| | F | kg CO ₂ e | 0.07 | /人*km | |
| | F | kg CO ₂ e | 0.06 | /人*km | |
| 组织使用 产品的 间接温室 气体排放 | CO ₂ | kg CO ₂ e | 25.29 | /晚 | 中国产 生命周期温室气 体排放系数库 |
| | CO ₂ | t CO ₂ e/ | 0.02 | | |
| | CO ₂ | t CO ₂ e/ | 0.02 | | |
| | CO ₂ | t CO ₂ e/ | 0.02 | | |
| | CO ₂ | t CO ₂ e/ | 0.02 | | |
| | CO ₂ | t CO ₂ e/ | 0.02 | | |

上述经核查证实，除上述来源外，其他温室气体排放源经核查不具备经济性和技术可行性。

核查证实，定性分析数据品质良好，方法学抽样率：10%

核查证实，文件授权代表：[Signature]

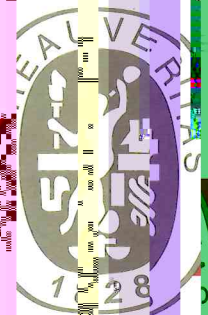
核查证实，3年4月24日 批准日期：2023年5月19日

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本声明书的有效性范围，可直接与本公司联系查询

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Greenhouse Gas Verification Statement

Zhongtian Technology Submarine Cable Co., Ltd. to conduct this verification on its greenhouse gas emissions within its reporting boundary.

| Type | Facility | GHG | Quantity | Unit | Reference | |
|--|-----------------------------------|-------------------------|-----------------|-------------------------|---|-----------|
| Direct GHG emissions | Acetylene of Welding machine | CO ₂ | 846 | tCO ₂ | Mass balance method | |
| | Carbon dioxide of Welding machine | CO ₂ | 1 | tCO ₂ | Mass balance method | |
| | LPG of Roaster | | CO ₂ | 100 | kg CO ₂ | IPCC 2006 |
| | | | H ₄ | 1 | kg CH ₄ | IPCC 2006 |
| | | | eO | 0.1 | kg N ₂ O | IPCC 2006 |
| | | | CO ₂ | 300 | kg CO ₂ | IPCC 2006 |
| | Diesel oil of Truck | Gasoline of Car | H ₄ | 0.8 | kg CH ₄ | IPCC 2006 |
| | | | eO | 0.7 | kg N ₂ O | IPCC 2006 |
| | | | CO ₂ | 100 | kg CO ₂ | IPCC 2006 |
| | | Diesel oil of Fork cart | H ₄ | 0.9 | kg CH ₄ | IPCC 2006 |
| eO | | | 0.9 | kg N ₂ O | IPCC 2006 | |
| CO ₂ | | | 100 | kg CO ₂ | IPCC 2006 | |
| Indirect GHG emissions for imported energy | Power | H ₄ | 0.15 | kg CH ₄ | IPCC 2006 | |
| | | eO | 0.6 | kg N ₂ O | IPCC 2006 | |
| | | CO ₂ | 035 | ton CO ₂ e/M | Average CO ₂ emission factors China's regional power grids in 20 | |

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| | | | | | | | |
|---|---------------------------|-----------------|------|-------------------------|--------------------------|--|--|
| Indirect emissions from purchased electricity | Steam | CO ₂ | 105 | t | CO ₂ e/C | Implementation, for setting and allocating the total amount of national carbon emission trading rights and quotas in 2021-2022 | |
| Indirect emissions from transportation | Road transport (freight) | CO ₂ | 074 | kg | CO ₂ e*kr (t) | China products carbon footprint factors database | |
| | Water transport (freight) | CO ₂ | 012 | kg | CO ₂ e*kr (t) | | |
| | Aviation (passenger) | CO ₂ | 088 | kg | CO ₂ e*kr (t) | | |
| | Railway (passenger) | CO ₂ | 018 | kg | CO ₂ e*kr (t) | | |
| | Railway (freight) | CO ₂ | 041 | kg | CO ₂ e*kr (t) | | |
| | Gasoline passenger | CO ₂ | 015 | kg | CO ₂ e*kr (t) | | |
| | Diesel bus | CO ₂ | 062 | kg | CO ₂ e*kr (t) | | |
| | Total | CO ₂ | 029 | kg | CO ₂ e/n (t) | | |
| | Hotel accommodation | CO ₂ | 1317 | kg | CO ₂ e/n (t) | | UN Government GHG conversion factors for company reporting |
| | Waste | CO ₂ | 1317 | kg | CO ₂ e/n (t) | | |
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| Waste | CO ₂ | 1317 | kg | CO ₂ e/n (t) | | | |

Above have been verified to be reliable. Except for the emission sources, other greenhouse gases are issued to national economic and technical characteristics to reflect the actual situation. Quality analysis, on-site quality control, and sampling methods are used. The company's internal control system is effective.

At the end of the reporting period, the company's internal control system is effective.

Reported date: 2023-03-24 / 2023 / Reported date: 19 May, 2023

Director: [Signature] / Director: [Signature]

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Shanghai: [Shanghai] / Shanghai: [Shanghai]

200000 / 200000

may be obtained from the organization.