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气体核查报告

授予

威海电缆股份有限公司

核查：[江苏省南技术开发区新开南号]、[江苏省南技术开发区齐山路号]
组织：中天科技安有限公司基于运营的厂内范围（包括车间、办
公区域、等）
报告：中天科技安有限公司南厂区的海光缆、海底光电复合
缆以及北厂区的电缆的设计、生服务直接间接排放源
限制：排除其重要直接温室气体排放
保证：给理保证

概述：

该：合述单位体、标准、执行组只温室气体正、查证数据
、里、和计算。其它单明附件。

明上

4064-1

经核：2021年1月到2022年2月

室气体直接排放数值为：436.1吨
室气体间接排放数值（类别）为：19,410吨CO₂e

证温
正温

基准年：2014

签发日期：2023年5月9日

声明号：CN 8 65

日期

书编

正机构地址：七区东长安街1号三方
也办公室地址：市浦区外马路1288号
进一步澄清和：的范围，可直接向持声明
与证本声明：如：+86 21 23190119

一办：9层，室，邮编：100738
层：00011

查询

温室气体核算

中天科技股份有限公司对必维立比有限公司对报告边界内
内的温室气体排放进行第三方查。

排放源	设备	温室气体	数量	单位	备注
直接温室气体排放	焊接机乙炔	CO ₂	8.3	kg CO ₂ /t	量平衡方法
	焊接机二氧化碳	CO ₂	1	kg CO ₂ /t	量平衡方法
	烘烤机液化石油气	CO ₂	631	kg CO ₂ /	PCC 2006
		CH ₄	1	kg CH ₄ /	PCC 2006
		N ₂ O	0.	kg N ₂ O/	PCC 2006
	公务用车汽油	CO ₂	693	kg CO ₂ /	PCC 2006
		CH ₄	3.	kg CH ₄ /	PCC 2006
		N ₂ O	5.	kg N ₂ O/	PCC 2006
	货车柴油	CO ₂	741	kg CO ₂ /	PCC 2006
		CH ₄	3.	kg CH ₄ /	PCC 2006
输入能源间接温室气体排放	叉车柴油	N ₂ O	3.	kg N ₂ O/	PCC 2006
		CO ₂	741	kg CO ₂ /	PCC 2006
		CH ₄	4.1	kg CH ₄ /	PCC 2006
	外购电力	N ₂ O	23	kg N ₂ O/	PCC 2006
		CO ₂	0.7	tCO ₂ -MV	在中国区域电网CO ₂ 排放因子
	外购蒸汽	CO ₂	11	tCO ₂ /G	2022 年全国碳排放权交易配额总量分配实施

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运输过程 间接温室气体排放	货物	0.0	kg CO ₂		中国产品生命周期温室气体排放系数库
		0.0	kg CO ₂	/ton*km	
		0.0	kg CO ₂	/ton*km	
		0.0	kg CO ₂	/人*km	
	CO ₂ /CH ₄ /N ₂ O	0.0	kg CO ₂	/人*km	
		0.0	kg CO ₂	/人*km	
		0.0	kg CO ₂	/人*km	
组织使用 产品的间接温室气体排放	CO ₂ /CH ₄ /N ₂ O	25.0	kg CO ₂	/晚	中国产品生命周期温室气体排放系数库
		0.02	tCO ₂ e/		
		0.02	tCO ₂ e/		
	CO ₂ /CH ₄ /N ₂ O	0.02	tCO ₂ e/		
		0.02	tCO ₂ e/		
		0.02	tCO ₂ e/		

上述经过查证，除上述排放源外，其他温室气体排放源经过查证不具备经济性和技术可行性。
查证不满足定性分析，数据品质良好。
核查组：文
查证日期：2023年4月23-24日
批准日期：2023年5月19日



Statement of Work for the Development of a New Type of Submarine Cable

The purpose of this Statement of Work is to define the scope, objectives, and deliverables for the development of a new type of submarine cable. The project is being undertaken by the Bureau of Standards and Metrology of the People's Republic of China, in collaboration with the Ministry of Science and Technology.

The project is divided into three main phases: 1. Design and Development, 2. Testing and Evaluation, and 3. Production and Distribution. The Design and Development phase will involve the selection of materials, the design of the cable structure, and the development of manufacturing processes. The Testing and Evaluation phase will involve the construction of a prototype cable, the testing of its performance under various conditions, and the evaluation of the results. The Production and Distribution phase will involve the mass production of the cable and its distribution to the relevant departments.

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Greenhouse Gas Verification Statement

Zhongtian Technology Submarine Cable Co., Ltd. has commissioned Bureau Veritas (Beijing) Co., Ltd. to conduct this verification on the greenhouse gas emissions within its reporting boundary.

Type	Facility	GHG	Quantity	Factor	Unit	Reference
Direct GHG emissions	Acetylene of Welding machine	CO ₂	846	tCO ₂ e/t		Mass balance method
	Carbon dioxide of Welding machine	CO ₂	1	tCO ₂ e/t		Mass balance method
	LPG of Roaster	CO ₂	100	kg C ₂ H ₆		IPCC 2006
		H ₄	1	kg C ₄ H ₁₀		IPCC 2006
		CO	1	kg N ₂ O		IPCC 2006
		CO ₂	300	kg C ₂ H ₆		IPCC 2006
	Gasoline of Car	H ₄	8	kg C ₄ H ₁₀		IPCC 2006
		CO	7	kg N ₂ O		IPCC 2006
		CO ₂	100	kg C ₂ H ₆		IPCC 2006
	Diesel oil of Truck	H ₄	9	kg C ₄ H ₁₀		IPCC 2006
		CO	9	kg N ₂ O		IPCC 2006
		CO ₂	100	kg C ₂ H ₆		IPCC 2006
	Diesel oil of Fork cart	H ₄	15	kg C ₄ H ₁₀		IPCC 2006
		CO	6	kg N ₂ O		IPCC 2006
Indirect GHG emissions from imported energy	Power	CO ₂	35	to CO ₂ e/Wh		Average CO ₂ emission factors China's regional power grids in 2019

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[illegible]

Abstract: Above the gas emission, the verification of the gas emission is a key factor for the economic and technical characteristics of the greenhouse effect.

Verify certainty: of all the analysis, good a quality

Sampled from the population of all possible samples of size 1000

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Verific on date: 2023 App d date: 19 May, 2023

Office Building, Beijing, China
Waimao Road, Huangpu District, Shanghai, P.R. China
Trade Office, 200
the organization.