




# Product Carbon Footprint Verification Statement

No. P2GHG 124776 0004 Rev. 00

<b>Client:</b>	<b>Zhongtian Radio Frequency Cable Co., Ltd</b> No 105 Qixin Road Economic & Technological Development Zone 226010 NanTong, Jiangsu Province PEOPLE'S REPUBLIC OF CHINA
<b>Responsible Party:</b>	Zhongtian Radio Frequency Cable Co., Ltd No 105 Qixin Road, Economic & Technological Development Zone, 226010 NanTong, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
<b>Product Name:</b>	<b>Electric Cables Cable</b>
<b>Verification Criteria :</b>	ISO 14067:2018 ISO 14064-3:2019
<b>Declared Unit:</b>	1 kilometer of cable
<b>System Boundary:</b>	From Cradle to Gate: From acquisition of raw materials to manufacturing stage
<b>Time Boundary:</b>	2023-01-01~2023-12-31
<b>Level of Assurance:</b>	Reasonable assurance level
<b>Materiality:</b>	Less than 5% of total carbon emissions in the system boundary
<b>Operation Rule:</b>	CCB_GHG_GR_001CS Version 02
<b>Verification Conclusion:</b>	The product carbon footprint verification statement is based on ISO 14064-3:2019 to verify the claim of the responsible party that "The Cradle-to-Gate carbon footprint associated with cable model HCAAY-50-12 and other models (10 models in total, see Product Carbon Footprints in page 2) produced by the responsible party within the manufacturing geographical boundary and time boundary is 2.40E+03 kgCO <sub>2</sub> eq/kg (for the remaining 9 cable model, see Product Carbon Footprints in page 2)". It was verified regarding compliance with the requirements of ISO 14067:2018. The product carbon footprint claim is consistent with the product carbon footprint verification statement.

The objective of product carbon footprint verification is to confirm the accuracy and conformity of the claim declared by responsible party according to verification criteria. The product carbon footprint verification statement is issued by TÜV SÜD, acting as the third-party validation and verification body, based upon the claim from the responsible party. The data and information supporting the claim were historical in nature. The responsible party is responsible for the claim and its conformity with the applicable specified requirements. This statement does not relieve the responsible party from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on TÜV SÜD and TÜV SÜD shall have no responsibility vis-à-vis parties other than responsible party.

<b>Verification Report No.:</b>	64500240135201
<b>Issue Date:</b>	2024-03-28

  
( April He )



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<b>Related Industrial Category:</b>	B14 Power distribution and control equipment and its parts; insulated wires and cables; fiber optic cables	
<b>Life Cycle Assessment Software:</b>	SimaPro 9.5.0.0	
<b>Database:</b>	Ecoinvent 3.9.1	
<b>Impact Assessment Method:</b>	IPCC 2021 GWP100 V1.02	
<b>Product carbon footprint:</b>	HCAAY-50-12	2.40E+03 kgCO <sub>2</sub> eq/km
	HCAAYZ-50-12	2.41E+03 kgCO <sub>2</sub> eq/km
	HRCAYZ-50-9	1.79E+03 kgCO <sub>2</sub> eq/km
	HRCAY-50-9	1.77E+03 kgCO <sub>2</sub> eq/km
	HCTAYZ-50-23	2.72E+03 kgCO <sub>2</sub> eq/km
	HCTAY-50-22	2.71E+03 kgCO <sub>2</sub> eq/km
	HCTAY-50-32	4.80E+03 kgCO <sub>2</sub> eq/km
	HHTAY-50-42	5.81E+03 kgCO <sub>2</sub> eq/km
	HLRWUCYZ-50-22T	1.62E+03 kgCO <sub>2</sub> eq/km
	HLRHTCYZ-50-32T	2.87E+03 kgCO <sub>2</sub> eq/km