

OPINION

Greenhouse Gases Verification Opinion ISO 14064-1: 2018

Gives to

WELTREND SEMICONDUCTOR, INC.

Office Address

2F, No. 24, Industry E. 9th Rd., Hsinchu Science Park, Hsinchu 300, Taiwan

The quantity of Greenhouse Gas of the above organization and found to be in accordance with ISO 14064-3:2019. (detailed information please refer to next page)

Report Year : 2022

Greenhouse Gases

Direct Emissions 51.9452 CO2-e Tonnes/ year

Energy Indirect : 1,400.4770 CO2-e Tonnes/ year

Emissions(Category2)

Other Indirect Emissions 263.6251 CO2-e Tonnes/ year

(Category3-6)

Sum : 1,716.047 CO2-e Tonnes/ year

Materiality : 5%

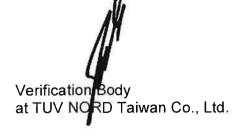
Reasonable Assurance : Direct and Energy Indirect Emissions

Limited Assurance : Category 3-6

Opinion No.: GHG- 233358053

Version:01

Verify Date: 2023-09-06 Issue Date: 2023-10-17





TUV NORD Taiwan Co., Ltd. Room A1, 9F, No.333, Sec.2, Tun Hua S. Rd. Taipei 10669 Taiwan, R.O.C.

Further clarifications regarding the scope of this opinion and the applicability of the standard may be obtained by consulting the organization



OPINION

Appendix to Opinion No. GHG-233358053

ISO 14064-1: 2018

TUV NORD Taiwan Co., Ltd (hereinafter referred to as "TUV NORD") has been contracted with Weltrend Semiconductor, Inc. (hereinafter referred to as Weltrend), 2F, No. 24, Industry E. 9th Rd., Hsinchu Science Park, for the verification of direct and indirect greenhouse gas emissions in accordance with ISO 14064-3:2019. In the GHG Opinion in the form of GHG report covering GHG emissions of the period 01, 01, 2022 to 31, 12, 2022...

Roles and responsibilities

The management of Weltrend is responsible for the organization's GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG emissions information and the reported GHG emissions.

TUV NORD conducted a third party verification to express an independent GHG verification opinion on the GHG emissions as provided in the GHG Opinion for the period year 2022

Level of Assurance

The level of assurance agreed are that of reasonable assurance for category 1 and 2; Limited level assurance from category 3 to 6.

Scope

Verification of GHG emissions within the organization's boundary and is based on ISO 14064-3:2019. Location/Boundary of the activities:

Company	Address	
Weltrend Semiconductor, Inc.	1~3F of No. 22, 1~2F of No. 24, 1F of No. 26, Industry E. 9th Rd., Hsinchu Science Park, Hsinchu 300, Taiwan	
	11F-2~3,5~9., No. 736, Chungcheng Rd., Chung-Ho District, New Taipei City 235, Taiwan	
	Rm.B, 33F.,No. 758,Zhongming S. Rd., South Dist., Taichung City 422, Taiwan	
	10F-5~6,13F-5~6,22F-5~6., No. 211, Chungcheng 4th Rd., Cianjin District, Kaohsiung City 801, Taiwan	

- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- The IPCC 2013 AR5 GWP values are applied in the inventory.
- GHG information for the following period was verified on 30, 08, 2023 to 06, 09, 2023



The GHG emissions are described as below:

GHG emissions categorization		Description	GHG emission
			(tonnes of CO ₂ e per year)
Direct Emissions/ Category 1		Occur from GHG sources inside organizational boundaries and that are owned or controlled by the organization.	51.9452
Energy Indirect Emissions	Category 2	Indirect GHG emissions from imported energy	1,400.4770
Indirect Emissions	Category 3	Indirect GHG emissions from transportation	Undisclosed
	Category 4	Indirect GHG emissions from products used by an organization	263.6251
	Category 5	Indirect GHG emissions associated with the use of products from the organization	Undisclosed
	Category 6	Other sources	NA
Direct Emissions and Indirect Emissions		1,716.047	

The GHG emissions categorization are based on Annex B of ISO14064-1:2018. Intended User of Verification Opinion: Organizations use for their own reference.

Confidentiality

The reports and appendix are not allowed to be edited, duplicated, or published without the clients' agreement.

Avoidance of Conflict of Interest

The reports was verified with fairness and honestly.

Verifiers Group

According as the above opinion were judgement by TUV NORD.

Verification Body at TUV NORD Taiwan Co., Ltd.

Validation and Verification VB019

TUV NORD Taiwan Co., Ltd. Room A1, 9F, No.333, Sec. 2, Tun Hua S. Rd. Taipei 10669 Taiwan, R.O.C.

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