

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2023 of
Ta Chen Stainless Pipe Co., Ltd.

No. 125, Xintian 2nd St., Rende Dist.,
 Tainan City 717502, Taiwan (R.O.C.)



has been verified in accordance with ISO 14064-3:2019 as
 meeting the requirements of

ISO 14064-1:2018

Direct emissions

2,855.3008 tonnes of CO₂e

Indirect emissions

15,524.0048 tonnes of CO₂e

Direct emissions and indirect emissions

18,379.306 tonnes of CO₂e

Authorized by



Stephen Pao

Business Assurance Director

Date: 10 July 2024

Version 1

TGP56B-15-1 2404

SGS Taiwan Ltd.

No. 136-1, Wu Kung Road, New Taipei Industrial Park, Wu Ku District,

New Taipei City 24803, Taiwan

t (02) 22993279 f (02)22999453 www.sgs.com



The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries			GHG Emissions
Inventory categories	Description		
Direct emissions		Direct emissions from stationary combustion	1,993.4259
		Direct emissions from mobile combustion	434.9216
		Direct process emissions and removals from industrial processes	0.3678
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	426.5855
		Direct emissions and removals from land use, land use change and forestry	-
Indirect emissions	Imported energy	Indirect GHG emissions generated by the purchase of electricity from external sources.	15,524.0048
	Transportation	Unquantified	-
	Products used by an organization	Unquantified	-
	Associated with the use of products from the organization	Unquantified	-
	Other sources	Unquantified	-
Direct emissions and indirect emissions			18,379.306

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Ta Chen Stainless Pipe Co., Ltd.	1,347.1867	9,762.2988	-	11,109.486
Brighton-Best International (Taiwan) Inc.	23.2234	12.6945	-	35.918
Right Way Industrial Co., Ltd.	577.6181	2,256.1968	-	2,833.815
Right Way Industrial (Malaysia) Sdn. Bhd.	907.2726	3,492.8147	-	4,400.087

SGS has been contracted by CSRPATH Co. Ltd. (hereinafter referred to as "CSRPATH"), 23F.-18, No. 539, Qingping Rd., Anping Dist., Tainan City, Taiwan for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by Ta Chen Stainless Pipe Co., Ltd. & Brighton-Best International (Taiwan) Inc. & Right Way Industrial Co., Ltd. & Right Way Industrial (Malaysia) Sdn. Bhd. (hereinafter referred to as "TC & Brighton-Best & Right Way & RWM"), No. 125, Xintian 2nd St., Tainan City 717502, Taiwan (R.O.C.) & Partial area of 4F. and partial area of 6F., No. 122, Yilin Rd., Rende Dist., Tainan City 717504, Taiwan (R.O.C.) & No. 1015, Zhongzheng W. Rd., Rende Dist., Tainan City 717, Taiwan (R.O.C.) & Seksyen 26, Sector B, Lot 20 & 21, Hicom Industrial Estate, 40000 Shah Alam, Selangor, Malaysia, in the GHG Statement in the form of GHG report.

Roles and responsibilities

- The management of TC & Brighton-Best & Right Way & RWM 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.
- The verification was based on the verification scope, objectives and criteria as agreed between CSRPATH and SGS on 09 August 2023.
- Verification Criteria: ISO 14064-1:2018
- Verification Period: 02 April 2024 to 08 May 2024.

Scope

- GHG information for the following period was verified: 01 January 2023 to 31 December 2023
- Location/boundary of the activities:
 - This is a multi-site certificate, additional site details are listed in Appendix A.
- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Emission factor:
 - Direct emissions: Greenhouse Gas Emission Factor Table (6.0.4), Greenhouse Gas Emission Factor, MOENV(2024.02.05).
 - Indirect emissions:
 - Electricity emission factor is 0.494 kgCO₂e/kwh (Announced by Energy Administration, Ministry of Economic Affairs in 2024).
 - There are no secondary database sources were cited.

- TC & Brighton-Best & Right Way : The level of assurance for category 1 and category 2 agreed is that of reasonable assurance. Category 3 till category 6 agreed is that of limited assurance.
- RWM : The level of assurance agreed is limited assurance.
- Materiality : 5%
- The version of inventory sheet: 2024.05.08
- The version of GHG statement: 2024.05.08
- Intended user of the verification opinion: FSC / Private

Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the GHG emissions are as declared by the organization's GHG statement
- The data reported are accurate, complete, consistent, transparent and free of material error or omission.

Conclusion

SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions. We planned and performed our work to obtain the information, explanations and evidence that the GHG emissions are free from material misstatement.

- The greenhouse gas emissions is 18,379.306 metric tonnes of CO₂ equivalent
- The emissions from the combustion of biomass is 0.0000 metric tonnes of CO₂ equivalent

The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		GHG Emissions
Inventory categories	Description	
Direct emissions	Direct emissions from stationary combustion	1,993.4259
	Direct emissions from mobile combustion	434.9216
	Direct process emissions and removals from industrial processes	0.3678
	Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	426.5855
	Direct emissions and removals from land use, land use change and forestry	-
Indirect emissions	Imported energy Indirect GHG emissions generated by the purchase of electricity from external sources.	15,524.0048

Transportation	Unquantified	-
Products used by an organization	Unquantified	-
Associated with the use of products from the organization	Unquantified	-
Other sources	Unquantified	-
Direct emissions and indirect emissions		18,379.306

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Ta Chen Stainless Pipe Co., Ltd.	1,347.1867	9,762.2988	-	11,109.486
Brighton-Best International (Taiwan) Inc.	23.2234	12.6945	-	35.918
Right Way Industrial Co., Ltd.	577.6181	2,256.1968	-	2,833.815
Right Way Industrial (Malaysia) Sdn. Bhd.	907.2726	3,492.8147	-	4,400.087

- The opinion of SGS is modified in accordance with the following described circumstances.
 - The verifier has sufficient and appropriate evidence to support the material emissions, removals, or storage.
 - The verifier applies appropriate criteria for the material emissions, removals, or storage.
 - When the verifier intends to rely on relevant controls, the effectiveness of those controls has been assessed.
 - The verifier, applying the ISO 14064-1:2018 standard, presents the following findings. After adjustments and corrections, no material errors were identified.
 - Activity data was incorrect, but after verification and correction, there are no longer any substantial errors. Examples include natural gas, vehicle gasoline, diesel, septic tank man-days, and refrigerant.
 - For some emission sources, after verification and clarification, there are no longer any substantial errors. Examples include government vehicle gasoline, refrigerant supporting documents, CO₂ cylinders, and welding rods.

- The content of the report has been verified, clarified, and modified to eliminate any substantial errors. This includes the sources and basis of citation factors, chapter order, verification agreement levels, and document retention periods.
- Retention Limitation:
 - None

Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

Avoidance of Conflict of Interest

The reports and attachments are completely complied with the standards and procedures that related authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.

This opinion shall be interpreted with the GHG statement of TC & Brighton-Best & Right Way & RWM as a whole.

Verifier Group

Above opinions coincide with auditing process with fairness and impartiality and aim at the emission of year 2023 of clients.

Lead Verifier:

Carol Chen

Verifier:

Ocean Wu

Tender Hung

Chih Yuan Kuo

Note: This opinion is issued, on behalf of Client, by SGS Taiwan Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at http://www.sgs.com/terms_and_conditions.htm. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this opinion, the findings and the supporting GHG Assertion may be consulted at Ta Chen Stainless Pipe Co., Ltd., No. 122, Yilin Rd., Rende Dist., Tainan City 717504, Taiwan (R.O.C.). This opinion does not relieve Client 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 SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.

Appendix A

The operation site included within TC for 2023 GHG inventory.

NO.	Address
1.	No. 122, Yilin Rd., Rende Dist., Tainan City 717504 , Taiwan (R.O.C.) (Yilin Factory)
2.	No. 125, Xintian 2nd St., Rende Dist., Tainan City 717502 , Taiwan (R.O.C.) (Xintian Factory)
3.	No. 115, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.) (Second Factory)
4.	No. 142, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.) (Shutters Factory)
5.	No. 115, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.) (Zhongshan Factory)
6.	No. 102, Shengli Rd., Rende Dist., Tainan City 717018 , Taiwan (R.O.C.) (Shengli Factory)
7.	No. 25, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
8.	Land No. 106, Xintian Section, Rende District, Tainan City
9.	Rm. 3, 5F., No. 36, Ln. 48, Sec. 3, Nanjing E. Rd., Zhongshan Dist., Taipei City 104503 , Taiwan (R.O.C.)
10.	No. 55, Ln. 25, Chongshan Rd., East Dist., Tainan City 701037, Taiwan (R.O.C.)
11.	6F., No. 83, Sec. 1, Changrong Rd., East Dist., Tainan City 701037 , Taiwan (R.O.C.)
12.	6F., No. 85, Sec. 1, Changrong Rd., East Dist., Tainan City 701037 , Taiwan (R.O.C.)
13.	Rm. 1, 4F., No. 121, Chongxue Rd., East Dist., Tainan City 701016 , Taiwan (R.O.C.)
14.	No. 59, Ln. 145, Changdong St., East Dist., Tainan City 701038 , Taiwan (R.O.C.)
15.	Rm. 1, 26F., No. 20, Fuxing 3rd Rd., Qianzhen Dist., Kaohsiung City 806603 , Taiwan (R.O.C.)
16.	No. 16, Qiaokeli St., Bade Dist., Taoyuan City 334029 , Taiwan (R.O.C.)
17.	10F., No. 263, Zhongzheng 1st Rd., Lingya Dist., Kaohsiung City 802310 , Taiwan (R.O.C.)
18.	Rm. 9, 4F., No. 213, Chaofu Rd., Xitun Dist., Taichung City 407609 , Taiwan (R.O.C.)

19.	1~3F., No. 903, Sec. 2, Wuquan W. Rd., Nantun Dist., Taichung City 408022 , Taiwan (R.O.C.)
20.	1~3F., No. 905, Sec. 2, Wuquan W. Rd., Nantun Dist., Taichung City 408022 , Taiwan (R.O.C.)
21.	1~3F., No. 91, Sec. 3, Chongde Rd., Beitun Dist., Taichung City 406041 , Taiwan (R.O.C.)
22.	1~3F., No. 93, Sec. 3, Chongde Rd., Beitun Dist., Taichung City 406041 , Taiwan (R.O.C.)
23.	1~5F., No. 931, Minzu 1st Rd., Zuoying Dist., Kaohsiung City 813028 , Taiwan (R.O.C.)
24.	1~5F., No. 170, Kaixuan 2nd Rd., Lingya Dist., Kaohsiung City 802019 , Taiwan (R.O.C.)
25.	No. 740, Sec. 2, Youguan Rd., Luzhu Dist., Taoyuan City 338025 , Taiwan (R.O.C.)
26.	No. 106, Huaxi, Hualien City, Hualien County 970024 , Taiwan (R.O.C.) (C1 Factory)
27.	No. 106, Huaxi, Hualien City, Hualien County 970024 , Taiwan (R.O.C.) (C3 Factory)
28.	No. 106, Huaxi, Hualien City, Hualien County 970024 , Taiwan (R.O.C.) (C4 Factory)
29.	No. 106, Huaxi, Hualien City, Hualien County 970024 , Taiwan (R.O.C.) (C5 Factory)
30.	No. 3, Ln. 138, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
31.	No. 276, Xingmei 6th Rd., East Dist., Chiayi City 600043 , Taiwan (R.O.C.)
32.	No. 13, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
33.	No. 15, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
34.	No. 17, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
35.	No. 23, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
36.	No. 36, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
37.	31F., No. 182, Liuhe Rd., Xinxing Dist., Kaohsiung City 800008 , Taiwan (R.O.C.)

38.	31F., No. 186, Liuhe Rd., Xinxing Dist., Kaohsiung City 800008 , Taiwan (R.O.C.)
39.	31F., No. 188, Liuhe Rd., Xinxing Dist., Kaohsiung City 800008 , Taiwan (R.O.C.)
40.	31F., No. 190, Liuhe Rd., Xinxing Dist., Kaohsiung City 800008 , Taiwan (R.O.C.)
41.	No. 45, Ln. 862, Sec. 2, Zhongzheng Rd., Rende Dist., Tainan City 717023 , Taiwan (R.O.C.)
42.	No. 45, Ln. 862, Sec. 2, Zhongzheng Rd., Rende Dist., Tainan City 717023 , Taiwan (R.O.C.)
43.	No. 45, Ln. 862, Sec. 2, Zhongzheng Rd., Rende Dist., Tainan City 717023 , Taiwan (R.O.C.)
44.	No. 119, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.)
45.	No. 123, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.)
46.	Rm. 3, 11F., No. 68, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
47.	Rm. 9, 20F., No. 76, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
48.	Rm. 2, 7F., No. 80, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
49.	No. 60, Shangjiadong, Houbi Dist., Tainan City 731021 , Taiwan (R.O.C.)

The operation site included within Brighton-Best for 2023 GHG inventory.

NO.	Address
1.	Partial area of 4F. and partial area of 6F., No. 122, Yilin Rd., Rende Dist., Tainan City 717504, Taiwan (R.O.C.)
2.	No. 123, Zhongshan Rd., Rende Dist., Tainan City 717002, Taiwan (R.O.C.)
3.	No. 119, Zhongshan Rd., Rende Dist., Tainan City 717002, Taiwan (R.O.C.)
4.	Land No. 1042, Linzai Sec., Zhongshan Rd., Rende Dist., Tainan City
5.	No. 102, Shengli Rd., Rende Dist., Tainan City 717018, Taiwan (R.O.C.)
6.	No. 115, Zhongshan Rd., Rende Dist., Tainan City 717002, Taiwan (R.O.C.)

The operation site included within Right Way and RWM for 2023 GHG inventory.

NO.	Address
1.	No. 1015, Zhongzheng W. Rd., Rende Dist., Tainan City 717, Taiwan (R.O.C.)
2.	Seksyen 26, Sector B, Lot 20 & 21, Hicom Industrial Estate, 40000 Shah Alam, Selangor, Malaysia