

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 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

WBCSD/WRI Greenhouse Gas (GHG) Protocol

Opinion Type: Modified

Direct emissions

2,809.0848 tonnes of CO₂e

Energy Indirect emissions

16,704.0329 tonnes of CO₂e

Other Indirect emissions

-- tonnes of CO₂e

Direct emissions and indirect emissions

19,513.118 tonnes of CO₂e

Authorized by



Stephen Pao

Business Assurance Director

Date: 30 June 2025

Version 1

TGP56B-15-2 2501

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The data of the verification result of GHG emissions is described as below:

Operational boundaries		GHG Emissions (tonnes of CO ₂ e)
Inventory categories	Description	
Scope 1: Direct emissions from owned/controlled operations	The direct GHG emissions cover stationary, mobile, process and fugitive emission sources.	2,809.0848
Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	The indirect energy GHG emissions cover energy such as electricity and steam.	16,704.0329
Upstream scope 3 emissions		
Category 1: Purchased goods and services	N/A	--
Category 2: Capital goods	N/A	--
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	N/A	--
Category 4: Upstream transportation and distribution	N/A	--
Category 5: Waste generated in operations	N/A	--
Category 6: Business travel	N/A	--
Category 7: Employee commuting	N/A	--
Category 8: Upstream leased assets	N/A	--
Downstream scope 3 emissions		
Category 9: Downstream transportation and distribution	N/A	--
Category 10: Processing of sold products	N/A	--
Category 11: Use of sold products	N/A	--
Category 12: End-of-life treatment of sold products	N/A	--
Category 13: Downstream leased assets	N/A	--
Category 14: Franchises	N/A	--
Category 15: Investments	N/A	--
Direct emissions and indirect emissions		19,513.118

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Energy Indirect emissions	Other Indirect emissions	Total GHG emissions
Ta Chen Stainless Pipe Co., Ltd.	1,277.4967	10,752.0070	--	12,029.504
Brighton-Best International (Taiwan) Inc.	5.0599	13.9807	--	19.041
Right Way Industrial Co., Ltd.	479.6625	2,195.9472	--	2,675.610
Right Way Industrial (Malaysia) Sdn. Bhd.	1,046.8657	3,742.0980	--	4,788.964

SGS has been contracted 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. (hereinafter referred to as “Ta Chen”), No.125, Xintian 2nd St., Rende Dist., Tainan City 717502, Taiwan (R.O.C.), in the GHG Statement in the form of GHG report.

Roles and responsibilities

- The management of Ta Chen 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 on 29 July 2024.
- Verification Criteria: WBCSD/WRI Greenhouse Gas (GHG) Protocol
- Verification Period: 07 April 2025 to 30 April 2025.

Scope

- GHG information for the following period was verified: 01 January 2024 to 31 December 2024
- Location/boundary of the activities:
 - This is a multi-site case, see Appendix A for details of all locations.
- 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, MOENV(2024.02.05).
 - Indirect emissions:
 - Electricity emission factor is 0.474 kgCO₂e/kwh (Announced by Energy Administration, Ministry of Economic Affairs in 2025).
 - There is no secondary database sources were cited.
- The level of assurance for scope 1 and scope 2 agreed is that of reasonable assurance. scope 3 agreed is that of limited assurance.
- Materiality : 5%

- The version of inventory sheet: 2025/04/30, v.1.7 for Ta Chen Stainless Pipe Co., Ltd. ; 2025/04/30, v.1.4 for Brighton-Best International (Taiwan) Inc. ; 2025/04/30, v.2.2 for Right Way Industrial Co., Ltd.
- The version of GHG statement: 2025/04/30, v.2.0
- Intended user of the verification opinion: FSC

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 19,513.118 metric tonnes of CO₂ equivalent
- The emissions from the combustion of biomass is 0.000 metric tonnes of CO₂ equivalent

The emission of each category is described as below:

Operational boundaries		GHG Emissions (tonnes of CO ₂ e)
Inventory categories	Description	
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Scope 2: Indirect emissions from the use of purchased electricity, steam, heating, and cooling	The indirect energy GHG emissions cover energy such as electricity and steam.	16,704.0329
Upstream scope 3 emissions		
Category 1: Purchased goods and services	N/A	--
Category 2: Capital goods	N/A	--
Category 3: Fuel- and energy-related activities (not included in scope 1 or scope 2)	N/A	--
Category 4: Upstream transportation and distribution	N/A	--

Operational boundaries		GHG Emissions (tonnes of CO ₂ e)
Inventory categories	Description	
Category 5: Waste generated in operations	N/A	--
Category 6: Business travel	N/A	--
Category 7: Employee commuting	N/A	--
Category 8: Upstream leased assets	N/A	--
Downstream scope 3 emissions		
Category 9: Downstream transportation and distribution	N/A	--
Category 10: Processing of sold products	N/A	--
Category 11: Use of sold products	N/A	--
Category 12: End-of-life treatment of sold products	N/A	--
Category 13: Downstream leased assets	N/A	--
Category 14: Franchises	N/A	--
Category 15: Investments	N/A	--
Direct emissions and indirect emissions		19,513.118

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Energy Indirect emissions	Other Indirect emissions	Total GHG emissions
Ta Chen Stainless Pipe Co., Ltd.	1,277.4967	10,752.0070	--	12,029.504
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Right Way Industrial (Malaysia) Sdn. Bhd.	1,046.8657	3,742.0980	--	4,788.964

- 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 WBCSD/WRI Greenhouse Gas (GHG) Protocol standard, presents the following findings. After adjustments and corrections, no material errors were identified.
 - Some of the activity data and emissions calculations were incorrect, which have been corrected.
- Retention Limitation: NA

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 Ta Chen as a whole.

Verifier Group

Above opinions coincide with auditing process with fairness and impartiality and aim at the emission of year 2024 of clients.

Lead Verifier:

Jenny Wang

Verifier:

Karly Cheng

John Chiang

Steven Yen

Jim Tsai

Jacky Chen

Carol Chen

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 Statement may be consulted at Ta Chen Stainless Pipe Co., Ltd., No.125, Xintian 2nd St., Rende Dist., Tainan City 717502, 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

Location/boundary of the activities—for Ta Chen Stainless Pipe Co., Ltd.

No.	Address
1	No. 120&122, Yilin Rd., Rende Dist., Tainan City 717504 , Taiwan (R.O.C.)
2	No. 125, Xintian 2nd St., Rende Dist., Tainan City 717502 , Taiwan (R.O.C.)
3	No. 115, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
4	No. 142, Xintian 2nd St., Rende Dist., Tainan City 717012 , Taiwan (R.O.C.)
5	No. 115, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.)
6	No. 102, Shengli Rd., Rende Dist., Tainan City 717018 , Taiwan (R.O.C.)
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.)
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.)
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. 119, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.)
43	No. 123, Zhongshan Rd., Rende Dist., Tainan City 717002 , Taiwan (R.O.C.)
44	Rm. 3, 11F., No. 68, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
45	Rm. 9, 20F., No. 76, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
46	Rm. 2, 7F., No. 80, Wenxin Rd., Rende Dist., Tainan City 717021 , Taiwan (R.O.C.)
47	No. 60, Shangjiadong, Houbi Dist., Tainan City 731021 , Taiwan (R.O.C.)
48	Lot No. 110-25, Gangshan, Alian Dist., Kaohsiung City 822405 , Taiwan (R.O.C.)(part)

Location/boundary of the activities—for Brighton-Best International (Taiwan) Inc.

No.	Address
1	Partial area of 4F. and partial area of 6F., Block B, 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.)

Location/boundary of the activities—for Right Way Industrial Co., Ltd.

No.	Address
1	No. 1015, Chung Cheng West Rd., Ta-Chia Village, Jeng-Der Dist., Tainan City 717004, Taiwan (R.O.C.)
2	Lot 20 & 21 Hicom industrial Estate, Section 26, Sector B, 40000 Shah Alam, Selangor Darul Ehsan, Malaysia