Certificate

Inventory Standard	**ISO 14064-1:2018**
Certificate Registr. No.	**CF 50580538 2501**
Report No.	**48272064 001**

Certificate Holder:	**YC INOX CO., LTD.** No. 270, Sec. 4, Jungshan Rd., Shijou Shiang, Chang-Hwa 52441, Taiwan, R.O.C.
Validation & Verification Site:	**Including the sites according to annex**
Validation & Verification Body:	**TÜV Rheinland Taiwan Ltd.**
Validation & Verification Standard:	ISO 14064-3:2019
Base year:	- 2020 (2020.01.01~2020.12.31)
Validation & Verification year:	- 2024 (2024.01.01~2024.12.31)
Programme:	- Voluntary GHG scheme
Level of Assurance:	- Reasonable
Consolidation methodology:	- Operational Control
Materiality:	- 5%
Type of Greenhouse Gases:	- CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF_3

Validation & Verification Scope:	Based on the information we have received and evaluated that:
	- Global warming potential (GWP): IPCC 2021, AR6
	- The total carbon emission is 28,499.086 tonnes CO_2 equivalent (tCO_2e)
	  - Category 1 Direct emission is 1,820.3258 tCO_2e
	  - Category 2 Indirect Imported energy emission is 18,277.0811 tCO_2e
	  - Category 3 Indirect Transportation emission is 3,436.7496 tCO_2e
	  - Category 4 Indirect Products used by organization emission is 4,964.9298 tCO_2e
	  - Category 5 Indirect Associated with the use of products from the organization emission is <u>not quantified</u>
	  - Category 6 Indirect Other sources emission is <u>not quantified</u>
	- Data and information
	  - Historical in nature: Category 1 / 2
	  - Historical in nature with scenario models: Category 3 / 4
	- 2024 electricity carbon emission factor had not yet been published during the verification, the 2023`s factor for GHGs calculation was used for the inventory.

Validity:	This certificate only reviewed the emissions data of inventory year, this certificate is not for the management systems certification.

2025-03-24

TÜV Rheinland Taiwan Ltd.
11F., No. 758, Sec. 4, Bade Rd., Taipei 105, Taiwan

This verification and validation is based on the information made available to TÜV Rheinland and the engagement conditions detailed above. Therefore, TÜV Rheinland cannot guarantee the accuracy or correctness of this information. TÜV Rheinland cannot be held liable by any party relying or acting upon this verification and validation

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Annex to certificate

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Validation & Verification Site:

- **Shijou Mill**
  No. 270, Sec. 4, Jungshan Rd., Shijou Shiang, Chang-Hwa 52441, Taiwan, R.O.C.
  -The total carbon emission is 6429.606 tonnes CO_2 equivalent (tCO_2e)
  -Category 1 Direct emission is 155.4691 tCO_2e
  -Category 2 Indirect Imported energy emission is 4,136.5159 tCO_2e
  -Category 3 Indirect Transportation emission is 1,256.8465 tCO_2e
  -Category 4 Indirect Products used by organization emission is 880.7740 tCO_2e

- **Puoshing Mill**
  No. 33, Sec. 4, Yuanlu Rd., Puoshing Township, Chang-Hwa 51342, Taiwan, R.O.C.
  -The total carbon emission is 8,729.740 tonnes CO_2 equivalent (tCO_2e)
  -Category 1 Direct emission is 327.9465 tCO_2e
  -Category 2 Indirect Imported energy emission is 6,395.4593 tCO_2e
  -Category 3 Indirect Transportation emission is 64.5600 tCO_2e
  -Category 4 Indirect Products used by organization emission is 1,941.7744 tCO_2e

- **Douliou Mill 1**
  No. 29, Ke-Jia Rd., Douliou City, Yunlin County 64057, Taiwan, R.O.C.
  -The total carbon emission is 3,187.978 tonnes CO_2 equivalent (tCO_2e)
  -Category 1 Direct emission is 61.9241 tCO_2e
  -Category 2 Indirect Imported energy emission is 906.0750 tCO_2e
  -Category 3 Indirect Transportation emission is 2,007.6262 tCO_2e
  -Category 4 Indirect Products used by organization emission is 212.3526 tCO_2e

- **Douliou Mill 2**
  No. 16, Ke-ban Rd., Douliou City, Yunlin County 64064, Taiwan, R.O.C.
  -The total carbon emission is 10,151.763 tonnes CO_2 equivalent (tCO_2e)
  -Category 1 Direct emission is 1,274.9861 tCO_2e
  -Category 2 Indirect Imported energy emission is 6,839.0308 tCO_2e
  -Category 3 Indirect Transportation emission is 107.7169 tCO_2e
  -Category 4 Indirect Products used by organization emission is 1,930.0288 tCO_2e

Verification Method:

- Site visit, Interview, confirm operational behavior and procedures, Evaluation of ownership, Data and information aggregation process, trail, sampling, Control and estimate testing, Analytical procedures between production and emissions, Re-calculation and document review

Verification opinions: Reasonable Assurance

- Modified opinion
  - there is sufficient and appropriate evidence to support material emissions, removals or storage;
  - the criteria are applied appropriately for material emissions, removals or storage;

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- the effectiveness of controls has been evaluated when the verifier intends to rely on those controls.
- Modified procedures, calculation methods, data, factors or documents, there are have insignificant impact on materiality, intended users' understanding of GHG claims, modified (Please refer to the finding report for the detail revised items):
  - Procedures, Data, Factors, Documents

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