

Certificate

Inventory Standard **ISO 14064-1:2018**

Certificate Registr. No. **CF 50580538 0001**

Report No. **48216370 001**

Certificate Holder: **YC INOX CO., LTD.**
No. 270, Sec. 4, Jungshan Rd., Shijou Township, Chang Hwa 52441,
Taiwan, R.O.C.

Verification Site: **including the locations according to annex**

Verification Method: Verification Body: TÜV Rheinland Taiwan Ltd.
- Process: Document review, interview, site visit and recalculation
- Verification Standard: ISO 14064-3:2006

Verification Scope: Based on the information we have received and evaluated that:

- Programme : Voluntary GHG scheme
- Organizational Boundary: Operational Control
- Level of Assurance: Reasonable
- Materiality: 5%
- Global warming potential (GWP): IPCC 2013
- Base year: 2020 (2020.01.01~2020.12.31)
- Inventory year: 2022 (2022.01.01~2022.12.31)
- The total carbon emission is 27,300.702 tonnes CO₂ equivalent (tCO₂e)
 - Category 1 Direct emission is 1,603.0154 tCO₂e
 - Category 2 Indirect Imported energy emission is 17,965.2782 tCO₂e
 - Category 3 Indirect Transportation emission is 3,204.5432 tCO₂e
 - Category 4 Indirect Products used by organization emission is 4,527.8647 tCO₂e
 - Category 5 Indirect Associated with the use of products from the organization emission is not quantified
 - Category 6 Indirect Other sources emission is not quantified
- Data and information
 - Historical in nature: Category 1 / 2
 - Historical in nature with scenario models: Category 3 / 4
 - 2022 electricity emissions factor not publish, the inventory use 2021 electricity emissions factor for GHGs calculation

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

2023-06-01


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 on or acting upon this verification and validation.

Annex to certificate

Standard **ISO 14064-1:2018**

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No.	Location
/01	<p>Shijou Mill: No. 270, Sec. 4, Jungshan Rd., Shijou Township, Chang Hwa 52441, Taiwan, R.O.C.</p> <ul style="list-style-type: none">- The total carbon emission is 6,327.511 tonnes CO₂ equivalent (tCO₂e)- Category 1 Direct emission is 185.4854 tCO₂e- Category 2 Indirect Imported energy emission is 3,963.4812 tCO₂e- Category 3 Indirect Transportation emission is 1,464.6274 tCO₂e- Category 4 Indirect Products used by organization emission is 713.9171 tCO₂e <p>Puoshing Mill: No. 33, Sec. 4, Yuanlu Rd., Puoshing Township, Chang Hwa 51342, Taiwan, R.O.C.</p> <ul style="list-style-type: none">- The total carbon emission is 9,907.149 tonnes CO₂ equivalent (tCO₂e)- Category 1 Direct emission is 357.6640 tCO₂e- Category 2 Indirect Imported energy emission is 7,284.5886 tCO₂e- Category 3 Indirect Transportation emission is 71.4331 tCO₂e- Category 4 Indirect Products used by organization emission is 2,193.4631 tCO₂e <p>Douliou Mill 1: No. 29, Ke-Jia Rd., Douliou City, Yunlin County 64057, Taiwan, R.O.C.</p> <ul style="list-style-type: none">- The total carbon emission is 2,688.096 tonnes CO₂ equivalent (tCO₂e)- Category 1 Direct emission is 64.2893 tCO₂e- Category 2 Indirect Imported energy emission is 843.4150 tCO₂e- Category 3 Indirect Transportation emission is 1,616.9646 tCO₂e- Category 4 Indirect Products used by organization emission is 163.4268 tCO₂e <p>Douliou Mill 2: No. 16, Ke-ban Rd., Douliou City, Yunlin County 64064, Taiwan, R.O.C.</p> <ul style="list-style-type: none">- The total carbon emission is 8,377.946 tonnes CO₂ equivalent (tCO₂e)- Category 1 Direct emission is 995.5767 tCO₂e- Category 2 Indirect Imported energy emission is 5,873.7933 tCO₂e- Category 3 Indirect Transportation emission is 51.5181 tCO₂e- Category 4 Indirect Products used by organization emission is 1,457.0577 tCO₂e

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