



Green International

Quality Assessment & Certification

(Associate of International Certification Authority)

GREENHOUSE GAS VERIFICATION STATEMENT

REF. NUMBER GIQAC/ES-P 4145/09/2023

The Inventory of Greenhouse Gas Emission in the period of 1st Jan 2022 - 31st Dec 2023 for UNION IRON & STEEL COMPANY L.L.C. (UIS)

Has been verified by Green International Quality Assessment and Certification (GIQAC) in accordance with ISO 14064-3-2006 as meeting the requirements of:

- World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol (WRI/WBCSD GHG Protocol) for the GHG data and
- The commitments assumed in the Environmental Policy as mandated by the Environmental Agency of Abu Dhabi and with guidance from International standards such as ISO 14040:2006 and ISO 14044:2006, and 2006 IPCC guidelines for National Greenhouse Gas.

To present a total amount of:

45,217.17 metric tons CO₂e

Scope 1 Emissions are 139.308 metric tons CO₂e

Scope 2 Emissions are 20,171.902 metric tons CO₂e

Scope 3 Emissions are 24,905.960 metric tons CO₂e

Verification Statement Date: 15th September 2023


Ms. Mary Manjary Kombathula
Authorized Signatory
18th September 2023



Green International Quality Assessment and Certification
Najda Street, Abu Dhabi, United Arab Emirates
Tel No.: +971 (02) 445 1317
Email: info@giqac.com



Green International

Quality Assessment & Certification

(Associate of International Certification Authority)

Green International Quality Assessment and Certification (GIQAC) has been contracted by Union Iron and Steel Company (UIS) for the verification the 2022 greenhouse gas emissions report of UIS in Accordance with ISO 14064-3-2006.

Roles and Responsibilities

The management of UIS responsibility for the organization's Green House Gases (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.

It is GIQAC's responsibility, having collected and analyzed sufficient evidence to express and independent GHG verification opinion on the compliance of the reported emissions in relation to the verification criteria and whether the reported emissions contain errors, omissions or misstatements that would lead to an overall material misstatement.

GIQAC conducted third party verification following the requirement of SO 14064-3-2006 of the provided CO₂ equivalent assertion.

Verification Agreement

The statement was based on the verification of scope, objectives and criteria as agreed between UIS and GIQAC.

Objectives

The purpose of the verification to independently review objected evidence as presented in the reports:

- Whether the CO₂ equivalent emissions are as declared by the organization CO₂ equivalent inventory.
- That the data reported are accurate, complete, consistent, transparent and free of material error and omission.

Criteria

The Criteria against which compliance assessment were made are:

- World Resources Institute/World Business Council for Sustainable Development Greenhouse Gas Protocol (WRI/WBCSD GHG Protocol) for the GHG data.
- ISO 14044:2006 Environmental management, Life Cycle Assessment Requirements and guidelines.
- 2006 IPCC Guidelines for National Greenhouse Gas Inventories
- World Steel association, Life cycle assessment methodology report, 2011.
- Principles of Competences, Consistency, Accuracy, Transparency, Faithfulness and Performance Improvement.



Green International

Quality Assessment & Certification

(Associate of International Certification Authority)

Scope

GHG's: CO₂, CH₄, NO₂

Boundaries: Company activities within Abu Dhabi, United Arab Emirates
Sources: Stationery and Mobile Combustion Sources, Electricity Combustion and Transport of Materials and Raw Materials
Reporting Period: 2022 calendar year

Intended user of the verification statement: Internal use and external stakeholders

Level of Assurance and Materiality

The level of assurance applied was a reasonable level of assurance. The materiality level applied was 2%.

Verification Process

GIQAC approach is risk based, drawing on an understanding of the risks associated with calculating GHG emission information and the controls in place to mitigate these risks. Our examinations included assessment, on a sample basis, of evidence relevant to the reporting of emission information.

We planned and performed our work to obtain the information, explanations and evidence that we considered to necessary provide a reasonable level of assurance that the reported GHG emissions for the period are fairly stated.

We conducted our verification with regard to the GHG assertion which included assessment of GHG information system and monitoring and reporting methodology. This assessment included the collection of evidence supporting the reported data, and checking whether the provisions of the verification criteria, consistently and appropriately applied.

Verification Conclusion

The GHG report for the period 1st January 2022 to 31st December 2022, Union Iron & steel Company LLC(UIS), disclosing emission of **45,217.17** metric tons of CO₂ e equivalent are verified by Green International Quality Assessment and Certification (GIQAC) to a reasonable level of assurance, consistence with the agreed verification scope, objectives and criteria listed above.



Green International

Quality Assessment & Certification

(Associate of International Certification Authority)

Emissions by Activity:

Scope	Type	Fuel	Activity Data	Total GHG Emissions (Metric Ton CO ₂ e)	Percentage of Total Emission
Scope 1	Stationary Combustion	Natural Gas	Fuel Volume / Quantity	28.12	0.30%
Scope 1	Mobile Combustion	Petrol/Diesel	Fuel quantity	111.188	
Scope 2	Electricity Combustion	Use of purchased electricity	Consumption of Electricity	20,171.902	44.60%
Scope 3	Transport of Raw Materials/Materials and Business Travel	Unidentified	Road, Marine and Air Transportation	24,905.960	55.10 %
Total				45,217.17	

According to GIQAC, the data quality management system, data quality, and completeness of reporting are of sufficient quality to not have resulted to a material error when assessed against the verification criteria.

The statement shall be interpreted with the GHG assertion of United Iron and Steel Company LLC (UIS) as a whole.