

The SCS Greenhouse Gas Footprint Verification Program has conducted a verification of GHG emissions based upon the following Scope, Objectives, and Criteria:

## Verification Scope

# Nucor Corporation

1915 Rexford Road, Charlotte, North Carolina

**Reporting Period:** 01/01/2023 – 12/31/2023

**Geographic Boundary:** 25 U.S. Steel Mills with full year operations in 2023 only

### Facilities, physical infrastructure, activities, technologies, and processes:

Electric Arc Furnace Steel Mills. Data collection systems include CEMs, Stack Test, or Mass Balance from EAFs.

### GHG Sources, Sinks, and/or Reservoirs:

Scope 1 - natural gas, fuel oil, LPG, diesel, gasoline, process emissions from electric arc furnace operations  
Scope 2 – purchased electricity

**Boundary Method:** Self defined boundary limited to 25 U.S. Steel Mills with full year operations in 2023; Excluded from the boundary include 2 steel mills with partial year data (1 closure and 1 opened in 2023), 2 DRI Facilities (Scope 3 only), 200+ Finished Product Facilities; Scope 2 boundary method limited to Market Based methodology only

**GHG Gases:** CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O

**Level of Assurance:** Limited

**Materiality:** +/-5% quantitative, qualitative based upon requirements specified within verification criteria

## Verification Objectives

- Evaluate the organization's GHG inventory for material discrepancies based upon the specified level of assurance
- Evaluate the organization's GHG inventory is in conformance with the specified verification criteria

## Verification Criteria

- World Resources Institute/World Business Council for Sustainable Development's "The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Edition)" dated March 2004
- World Resources Institute/World Business Council for Sustainable Development's "Scope 2 Guidance Document: An Amendment to the GHG Protocol Corporate Standard" dated 2015
- World Resources Institute/World Business Council for Sustainable Development's "Corporate Value Chain (Scope 3) Accounting and Reporting Standard" dated 2011
- The Investor CDP Information Request
- ISO 14064-3: 2019 Specification with guidance for the validation and verification of GHG assertions



## Verification Opinion

This Verification Statement documents that SCS Global Services has conducted verification activities in conformance with ISO 14064-3: 2019, Specification with guidance for the validation and verification of greenhouse gas assertions. Based upon the reporting scope, criteria, objectives, and agreed upon level of assurance, SCS has issued the following verification opinion:

- Positive Verification (Limited Assurance) – No evidence was found that the GHG assertion was not prepared in all material respects with the reporting criteria

## Verification Qualifications

- Self-defined boundary limited to 25 U.S. Steel Mills only, see Boundary Method for complete details

## Verified Emissions

Emissions Summary – Tonnes CO <sub>2</sub> e	
Scope	Total (tCO <sub>2</sub> e)
Scope 1	4,344,072
Scope 2 - Market	5,143,384

## Lead Verifier

*Tavio Benetti*

DATE: 04-12-2024

Tavio Benetti, *Lead Verifier, SCS Climate Services Environmental Certification Services*  
SCS Global Services, 2000 Powell Street, Suite 600,  
Emeryville, CA 94608 USA

## Independent Reviewer

*Nicole Muñoz*

DATE: 05-02-2024

Nicole Muñoz, *Director, Vice President Environmental Certification Services*  
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