



Statement BR22/19092

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in 2022 of

WEG S.A.

Av. Prefeito Waldemar Grubba, 3000

Vila Lalau - Jaraguá do Sul - SC - CEP.: 89256-900 - BR

has been verified in accordance with ISO 14064-3:2019 as
meeting the requirements of

ISO 14064-1:2018 and GHG Protocol

For the following activities

**Electrical Equipment Manufacturer, Electronics, Inks,
Varnishes and Resins and Digital Solutions**

Disclosing emissions for scopes 1, 2 and 3 of 21,890,797.26
(Operational Control) and 21,549,086.65 (Shareholding
Approach) of tCO₂e by location based and emissions of
21,879,499.37(Operational Control) and 21,537,791.36
(Shareholding
Approach) of tCO₂e per purchase choice

Lead auditor: Claudia Nagako Shida

Authorized by

Thiago Doretto
Director

Date: March 10, 2023

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SGS has been contracted by WEG S.A. (hereinafter referred to as “CLIENT”), Av. Prefeito Waldemar Grubba, 3000 - Vila Lalau - Jaraguá do Sul – SC - CEP.: 89256-900 – BR, for the verification of direct and indirect Greenhouse Gas in accordance with **ISO 14064-3:2019** as provided in the Greenhouse Gas (GHG) Assertion in the form of report covering GHG emissions of the period 2022.

Roles and responsibilities

The client 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.

It is SGS’s responsibility to express an independent GHG verification opinion on the GHG emissions as provided in the GHG Assertion.

SGS conducted a third-party verification of the provided GHG assertion against the principles of ISO 14064-1:2018 and ISO 14064-3:2019 and GHG Protocol in the period 2022. The verification was based on the verification scope, objectives and criteria as agreed between CLIENT and SGS on 13/02/2023 to 17/02/2023.

Level of Assurance

The level of assurance agreed is that of limited assurance.

Scope

The client has commissioned an independent verification by SGS do Brasil Ltda of reported GHG emissions to establish conformance with ISO 14064-1:2018 principles within the scope of the verification as outlined below.

The data and information supporting the GHG assertion were calculated based on monitored and historical data.

This engagement covers verification of emission from anthropogenic sources of greenhouse gases included within the organization’s boundary and based on ISO 14064-3:2019.

- The organizational boundary was established following Operational Control and Shareholding approach.
- Title or description activities: Electrical Equipment Manufacturer, Electronics, Inks, Varnishes and Resins and Digital Solutions.

- Location/boundary of the activities: Av. Prefeito Waldemar Grubba, 3000 – Vila Lalau – Jaraguá do Sul – SC - BR

- WEG EQUIPAMENTOS ELETRICOS S/A - Corporativo - BANWEG
- WEG EQUIPAMENTOS ELETRICOS S/A - Unidade Itajaí
- WEG EQUIPAMENTOS ELETRICOS S/A - Unidade Itajaí (WAU)
- WEG EQUIPAMENTOS ELETRICOS S/A - Unidade Itajaí (WDS)
- WEG EQUIPAMENTOS ELETRICOS S/A - Unidade Itajaí (WMO)
- WEG EQUIPAMENTOS E LOGISTICA LTDA (WTD)
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF I
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF I (WMO)
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF I (WAU)
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF II
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF II (WMO)
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF II (WEN)
- WEG DRIVES & CONTROLS - AUTOMAÇÃO LTDA (WAU)
- WEG EQUIPAMENTOS ELETRICOS S/A - Fábrica - PF II (WDS)
- WEG EQUIPAMENTOS ELETRICOS S/A - Motores - Fundação - PF III - Guaramirim
- WEG EQUIPAMENTOS ELETRICOS S/A - Automação Itajaí (Solar)
- WEG EQUIPAMENTOS ELETRICOS S/A - Automação Betim
- WEG EQUIPAMENTOS ELETRICOS S/A - Automação - Parauapebas
- WEG EQUIPAMENTOS ELETRICOS S/A - Energia - Fábrica
- WEG EQUIPAMENTOS ELETRICOS S/A - TRANSMISSAO E DISTRIBUICAO - FABRICA
- WEG EQUIPAMENTOS ELETRICOS S/A - Transformadores - Betim
- WEG EQUIPAMENTOS ELETRICOS S/A - Trafo - Gravataí
- WEG EQUIPAMENTOS ELETRICOS S/A - TRANSMISSAO E DISTRIBUICAO - CALDEIRARIA
- BALTEAU PRODUTOS ELÉTRICOS LTDA.
- WEG EQUIPAMENTOS ELETRICOS S/A - Eólico Aracati (Obra)
- WEG TURBINAS LTDA. Depósito Sertãozinho
- WEG TURBINAS LTDA. Fábrica Sertãozinho
- WEG LINHARES EQUIPAMENTOS ELÉTRICOS S.A. (WLI)
- WEG-CESTARI INDÚSTRIA DE REDUTORES E MOTORREDUTORES S/A (WCES)
- WEG DRIVES & CONTROLS - AUTOMACAO LTDA - RIBEIRAO PRETO
- PAUMAR S.A - INDUSTRIA E COMERCIO - Mauá
- PAUMAR S.A - INDUSTRIA E COMERCIO - Guaramirim
- PAUMAR S.A - INDUSTRIA E COMERCIO - Cabo de Santo Agostinho

- HIDRAULICA INDUSTRIAL - INDUSTRIA E COMERCIO LTDA
- WEG AMAZÔNIA S.A. (WAM)
- RF REFLORESTADORA LTDA (RF)
- RF REFLORESTADORA LTDA - Rainha I
- RF REFLORESTADORA LTDA - Bruacas
- RF REFLORESTADORA LTDA - Poço Grande
- RF REFLORESTADORA LTDA - Barra Sul
- RF REFLORESTADORA LTDA - Sertãozinho
- RF REFLORESTADORA LTDA - Garuva
- RF REFLORESTADORA LTDA - Itapoá
- RF REFLORESTADORA LTDA - Piçarras
- RF REFLORESTADORA LTDA - Administrativo
- PPI-MULTITASK SISTEMAS E AUTOMAÇÃO S.A. (PPI)
- PPI - MULTITASK SISTEMAS E AUTOMACAO S.A - Jaraguá do Sul
- V2 TECNOLOGIA LTDA. - Filial Jaraguá do Sul
- V2 TECNOLOGIA LTDA. - Filial Campinas
- V2 TECNOLOGIA LTDA. - Matriz
- V2 TECNOLOGIA LTDA. - Filial SP
- BIRMIND AUTOMAÇÃO E SERVIÇOS S.A.
- MVISIA DESENVOLVIMENTOS INOVADORES S.A.
- WEG-CESTARI REDUTORES E MOTORREDUTORES S.A.
- WEG EQUIPAMIENTOS ELECTRICOS S.A. (WEE)
- WEG EQUIPAMIENTOS ELECTRICOS S.A. (BRANCH BUENOS AIRES)
- WEG EQUIPAMIENTOS ELECTRICOS S.A. (WCB)
- PULVERLUX S.A. (PLUX)
- WEG CHILE S.A. (WCH)
- WEG PERU S.A.C (WPE)
- WEG COLOMBIA S.A.S. (WCO) - Matriz
- WEG COLOMBIA S.A.S. (WCO) - Parque Fabril - WEG TRANSFORMADORES DE COLOMBIA
- WEG COLOMBIA S.A.S. (WCO-EQU)
- WEG MÉXICO S.A. DE C.V. (WMX)
- WEG MÉXICO S.A. DE C.V. (WMX) Unidade de Fundação
- WEG TRANSFORMADORES MÉXICO S.A. DE C.V. (WTM)
- VOLTRAN S.A. DE C.V. (VOLTRAN)
- WEG ELECTRIC CORP. (WEC)

- WEG ELECTRIC CORP. (WEC) - WAREHOUSE CALIFORNIA
- WEG ELECTRIC CORP. (WEC) - WAREHOUSE TEXAS
- WEG ELECTRIC CORP. (WEC) - WAREHOUSE KANSAS
- WEG ELECTRIC CORP. (WEC) - WAREHOUSE ILLINOIS
- WEG ELECTRIC CORP. (WEC) - WAREHOUSE PENNSYLVANIA
- WEG ELECTRIC CORP. (WEC) - WAREHOUSE KENTUCKY
- WEG ELECTRIC CORP. (WEC) - WEG BESS - VERMONT
- ELETRIC MACHINERY COMPANY LLC (WEM)
- WEG ELECTRIC CORP. (WEC) - WBL Indiana
- WEG ELECTRIC CORP. (WEC) - WBL Ohio
- WEG ELECTRIC CORP. (WEC) - WBL Illinois
- WEG TRANSFORMERS USA LLC (WTU)
- WEG TRANSFORMERS USA - POWER TRANSFORMER PLANT
- WEG TRANSFORMERS USA LLC - Washington/Missouri
- WEGEURO INDUSTRIA ELÉCTRICA S.A. (WPT)
- WEGEURO INDUSTRIA ELÉCTRICA S.A. (WPT) - Santo Tirso
- WEG HOLDING GmbH (WHO)
- WEG INTERNATIONAL TRADE GmbH (WTR)
- WEG IBERIA INDUSTRIAL S.L. (WIB)
- AUTRIAL S.L.U. (WAUT)
- WEG FRANCE S.A.S (WFR)
- WEG ALGÉRIE - SALES OFFICE OF WEG FRANCE S.A.S.
- WEG BENELUX S.A. (WBE)
- WEG NETHERLANDS - SALES OFFICE OF WEG BENELUX S.A - Overijssel
- WEG ITALIA S.R.L. (WIT)
- WEG GERMANY GmbH (WG)
- WATT DRIVE GMBH (WATT-DEU)
- WURTTENBERGISCHE ELEKTROMOTOREN GMBH (WBA)
- ANTRIEBSTECHNIK KATT HESSEN GMBH (WAK)
- WEG (UK) LTD. (WUK)
- WEG SCANDINAVIA AB (WSC)
- WEG RUS LLC (WRU)
- WEG CENTRAL ASIA LLP
- WEG POLAND Sp. z.o.o. (WPL)
- WATT DRIVE ANTRIEBSTECHNIK GmbH (WATT)

- WEG INDUSTRIES (INDIA) PRIVATE LIMITED (WII)
- WEG INDUSTRIES (INDIA) PRIVATE LIMITED (WII) - Bangalore
- WEG MIDDLE EAST FZE (WME)
- ZEST WEG GROUP AFRICA (PTY) LTD (ZW)
- ZEST GENERATOR SETS
- WEG AUTOMATION AFRICA
- WEG TRANSFORMERS AFRICA (Johannesburg - Wadeville)
- WEG TRANSFORMERS AFRICA (Heidelberg)
- ZEST WEG ELECTRIC (PTY) LTD - Eastern Cape
- ZEST WEG ELECTRIC (PTY) LTD - Durban
- ZEST WEG ELECTRIC (PTY) LTD - Richards Bay
- ZEST WEG ELECTRIC (PTY) LTD - Trichardt
- ZEST WEG ELECTRIC (PTY) LTD - Middelburg
- ZEST WEG ELECTRIC (PTY) LTD - Cape Town
- ZEST WEG GROUP GHANA LTD (ZW-GHA)
- ZEST WEG GROUP NAMIBIA ENTERPRISES (PTY) LTD (ZW-NAM)
- ZEST WEG GROUP MOZAMBIQUE LDA (ZW-MOZ)
- E'NI ELECTRICAL TANZANIA LTD (ZW-ETA)
- E & I ZAMBIA LTD (ZW-EIZ)
- ZEST WEG GROUP AFRICA (PTY) LTD (ZW) - Uganda Branch
- ZEST WEG ELECTRIC (PTY) LTD - Rustenburg
- WEG AUSTRALIA PTY LTD. (WAA)
- WEG AUSTRALIA PTY LTD - Sidnei
- WEG AUSTRALIA PTY LTD - Brisbane
- WEG AUSTRALIA PTY LTD - Perth
- WEG SINGAPORE PTE LTD. (WSG)
- BRANCH OFFICE OF WEG SINGAPORE PTE LTD
- WEG SOUTH EAST ASIA SDN. BHD. (WSEA)
- WEG SOUTH EAST ASIA SDN BHD - REPRESENTATIVE OFFICE
- WEG ELECTRIC MOTORS JAPAN CO. LTD. (WJP)
- WEG (NANTONG) ELECTRIC MOTOR CO., LTD. (WNT)
- WEG (JIANGSU) ELECTRIC EQUIPMENT CO., LTD. (WRG)
- CHANGZHOU SINYA (WCZ-SIN)
- WEG (CHANGZHOU) AUTOMATION EQUIPMENT CO., LTD. (WCZ-SHI)
- WEG Elektrik Sanayi Anonim Şirketi (WTK)

- Physical infrastructure, activities, technologies and processes of the organization:
 - Operational Area
 - Administrative Area
- GHG sources, sinks and/or reservoirs included:
 - Scope 1: Mobile Combustion, Stationary Combustion, Fugitive Emissions, Industrial Processes, Agricultural Activities, Waste generated in operations.
 - Scope 2: Electricity consumption with a location approach and purchase choice.
 - Scope 3:
 1. Purchased goods and services
 2. Capital goods
 3. Fuel and energy related activities not included in Scope 1 and 2;
 4. Transport and distribution (upstream)
 5. Waste generated in operations
 6. Business trips
 7. Employee displacement (home-work)
 11. Use of sold goods and services
- Types of GHGs included: CO₂, CH₄, N₂O, HFC, PFC, SF₆ and NH₃.
- Directed actions: N/A
- GHG information for the following period was verified: 01/01/2022 to 31/12/2022.
- Intended user of the verification statement: WEG S.A.

Objective

This verification purposes to review the objective evidence and to independently review:

- Whether the GHG emissions are as declared by the organization's GHG assertion.
- The data reported are accurate, complete, consistent, transparent, and free of material error or omission.

Criteria

Criteria against which the verification assessment is undertaken are the principles of ISO 14064-1:2018 and GHG protocol.

Materiality

The materiality required of the verification was considered by SGS to 5%, based on the needs of the intended user of the GHG Assertion.

In the verified inventory, according to the sampling performed, no deviations were found in scopes 1



and 2.

Conclusion

The client provided the GHG assertion based on the requirements of ISO14064-1:2018 and GHG Protocol. The GHG information for the period 2022 disclosing emissions of metric tonnes of CO₂ equivalent are verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives and criteria:

Approach	Scope 1 tCO ₂ e	Scope 2 localization tCO ₂ e	Scope 2 purchase tCO ₂ e	Scope 3 tCO ₂ e	Total amount location tCO ₂ e	Total Amount purchase tCO ₂ e
Operational Control	54,864.06	85,066.20	73,768.32	21,750,867.00	21,890,797.26	21,879,499.37
Shareholding Approach	54,149.02	82,787.58	71,492.29	21,412,150.05	21,549,086.65	21,537,791.36

I-RECs (MWh): 80,000

Biogenic Emissions:

Approach	Biogenic Emissions tCO ₂ e
Operational control	3,925.30
Shareholding approach	3,885.38

Removals:

As presented in the inventory, “Since carbon is captured from the atmosphere during the growth of the woody species, eucalyptus and pine cultivation activities were included in the inventory as sources of CO₂ removal”. According to the specifications of the GHG Protocol, removals resulting from this activity must be classified as “biogenic CO₂ removals”. CO₂ removals referring to wood products harvested in 2022 were not included in this accounting.

Weg considered 2 methods of calculation for removals: i) IPCC and 4th national inventory, which



consider the biomass expansion factor (above ground) and root proportion (below ground) and ii) GHG Protocol, which does not consider the factors expansion and below ground biomass for the calculation.

IPCC 2006	GHG PROTOCOL 2020
Removals (tCO ₂ /year)	Removals (tCO ₂ /year)
133,967.93	80,352.08

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 relevant evidence assessment related to quantities and the GHG information reported by the organization.

Our verification work is performed to obtain the information, explanations and evidence that we considered necessary to provide a limited level of assurance that the GHG emissions for the period 2022 are fairly stated.

We conducted our verification with regard to the GHG assertion of WEG S.A. which included assessment of GHG information system, monitoring and reporting plan/protocol. This assessment includes the provisions of the protocol reference is consistently and appropriately applied.

In SGS's opinion the presented GHG assertion

- is materially correct and is a fair representation of the GHG data and information, and
- is prepared in accordance with ISO14064-1:2018 on GHG quantification, monitoring and reporting.

This statement shall be interpreted with the GHG assertion of WEG S.A. as a whole.

Note: This Statement is issued, on behalf of Client, by **SGS do Brasil Ltda** ("SGS") under its General Conditions for Green 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 statement, the findings and the supporting GHG Assertion may be consulted at WEG S.A. This Statement 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.