



DNV

VERIFICATION STATEMENT

Project ID: PRJN- 719291

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Furukawa Electric Co., Ltd.

< Verification Objectives >

DNV Business Assurance Japan K.K. (hereinafter, "DNV") has been commissioned by Furukawa Electric Co., Ltd. (hereinafter referred to as "the Organization") to perform an independent verification of the greenhouse gas emissions reported in the GHG Emission Quantification of Furukawa Electric Group Year 2024 rev.4.0 dated 22 July 2024 (hereinafter referred to as "the Report") prepared by the Organization. The objective of this verification is to confirm that the GHG emissions claimed by the Organization have been calculated and reported appropriately based on the calculation standards, and to express an independent opinion.

< Verification Scope >

The scope of this verification is Scope 1, Scope 2, and part of Scope 3 (Category 1,2,3,6,7,11,12) of the GHG emissions of the Organization and its all-group companies, including overseas bases, in the Fiscal Year 2023.

< Calculation and Verification criteria >

The criteria for identification, calculating, monitoring and reporting Energy Consumption Data to be verified are Environmental Protection Data Monitoring and Reporting Guideline rev. 2.2 dated 3 July 2024 established by the Organization, which is supported by GHG Protocol Corporate Accounting and Reporting Standard (Revised Edition), GHG Protocol Corporate Value Chain (Scope 3) Accounting and Reporting Standard and Ministry of the Environment, Ministry of Economy, Trade and Industry, Japan "Basic Guidelines for Calculating Greenhouse Gas Emissions through the Supply Chain (ver.2.6), the standard for quantifying and reporting greenhouse gas emissions. The criterion for verification is the DNV verification procedure based on ISO14064-3:2019 and ISAE3000 (Revised).

< Verification Process and Methodology >

The reviews of the GHG emissions calculation results, relevant documentation and records, and subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria.

< Verification Statement >

It is DNV's opinion that with a limited level of assurance, nothing has come to our attention which causes us to believe that the claims of the Energy Consumption Data were not accurately reflected in the Report, in accordance with the verification criteria identified as stated above. In addition, as an independent third party, DNV has no financial dependencies on the Organization at the group level, not limited to this verification work.

Place and date: Kobe, Japan, 23 July 2024

DNV BUSINESS ASSURANCE JAPAN K.K.

Akira Sekine
Approved Verifier

Tsuyoshi Katori
Approved Verifier, Technical Reviewer

Naoki Maeda
Representative Director/SCPA
Senior Vice President

This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.

DNV Business Assurance Japan K.K. Sannomiya Bldg. South 11th Floor, 7-1-15, Goko-dori, Chuo-ku, Kobe 651-0087

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< Period Covered by Calculation and Verification >

The period covered by calculation and verification of GHG emissions is from 1 April 2023 through 31 March 2024.

< Organization Boundary of Verification >

Management Control Equity Share Others

< Type of GHGs Verified >

CO₂ CH₄ N₂O HFCs PFCs SF₆ NF₃

< Amount of GHG emissions Verified >

DNV's opinion is that the GHG data results in the quantification of GHG emissions are real, transparent and measurable. The reported values below are fully covered by the verification.

■ Total Direct Emissions, Scope 1 (CO ₂)	105,069 t-CO ₂ e
■ Total Direct Emissions, Scope 1 (SF ₆)	41,574 t-CO ₂ e
■ Total Energy Indirect Emissions, Scope 2 Location-based	461,399 t-CO ₂ e
■ Total Energy Indirect Emissions, Scope 2 Market-based	345,964 t-CO ₂ e
■ Other Emission, Scope 3 Total	3,106,081 t-CO ₂ e
■ Category 1 (Purchased Goods and Services: Copper and Plastics)	1,272,140 t-CO ₂ e
■ Category 2 (Capital Goods)	136,725 t-CO ₂ e
■ Category 3 (Fuel- and Energy-Related Activities)	102,169 t-CO ₂ e
■ Category 6 (Business Travel)	6,858 t-CO ₂ e
■ Category 7 (Employee Commuting)	24,817 t-CO ₂ e
■ Category 11 (Use of Sold Products: Optical Communication Modules, Networking Devices, Automotive Parts and Secondary Battery)	1,482,299 t-CO ₂ e
■ Category 12 (End-of-Life Treatment of Sold Products: Optical Communication Modules, Networking Devices, Automotive Parts and Secondary Battery)	81,073 t-CO ₂ e

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< Verification Opinion >

- Unmodified Opinion
- Modified Opinion
- Adverse Opinion

