



DNV

# VERIFICATION STATEMENT

Project ID: PRJN- 514427

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## Furukawa Electric Co., Ltd.

### < Verification Objectives >

DNV Business Assurance Japan K.K. has been commissioned by Furukawa Electric Co., Ltd. (hereinafter referred to as "the Organization") to perform an independent verification of the greenhouse gas emissions (hereinafter referred to as "GHG emissions") reported in the Environmental Protection Data Report of Furukawa Electric Group rev. 3.0 dated 23 June 2023 (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 2022.

### < Calculation and Verification criteria >

The criteria for calculating and reporting GHG emissions to be verified are the Environmental Protection Data Monitoring and Reporting Guideline established by the Organization, which is supported by GHG Protocol (revised edition), and Ministry of the Environment, Ministry of Economy, Trade and Industry, Japan "Basic Guidelines for Calculating Greenhouse Gas Emissions through the Supply Chain (ver.2.5)." The criterion for verification is ISO 14064-3:2019 and ISAE3000.

### < 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 GHG emissions 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, 4 July 2023

DNV BUSINESS ASSURANCE JAPAN K.K.

Akira Sekine  
Lead verifier

Naoki Maeda  
Managing Director

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 relaying 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 2022 through 31 March 2023.

## < Organization Boundary of Verification >

☒ Management Control ☐ Equity Share ☐ Others

## < Type of GHGs Verified >

☒ CO<sub>2</sub> ☐ CH<sub>4</sub> ☐ N<sub>2</sub>O ☐ HFCs ☐ PFCs ☒ SF<sub>6</sub> ☐ NF<sub>3</sub>

## < 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 <sub>2</sub> )	115,524 t-CO <sub>2</sub> e
■ Total Direct Emissions, Scope 1 (SF <sub>6</sub> )	37,258 t-CO <sub>2</sub> e
■ Total Energy Indirect Emissions, Scope 2 Location-based	484,565 t-CO <sub>2</sub> e
■ Total Energy Indirect Emissions, Scope 2 Market-based	417,940 t-CO <sub>2</sub> e
■ Other Emission, Scope 3 Total	3,296,519 t-CO <sub>2</sub> e
■ Category 1 (Purchased Goods and Services: Copper and Plastics)	1,352,012 t-CO <sub>2</sub> e
■ Category 2 (Capital Goods)	153,710 t-CO <sub>2</sub> e
■ Category 3 (Fuel- and Energy-Related Activities)	109,764 t-CO <sub>2</sub> e
■ Category 6 (Business Travel)	6,671 t-CO <sub>2</sub> e
■ Category 7 (Employee Commuting)	24,138 t-CO <sub>2</sub> e
■ Category 11 (Use of Sold Products: Optical Communication Modules, Networking Devices, Automotive Parts, Secondary Battery and Power Cables)	1,587,224 t-CO <sub>2</sub> e
■ Category 12 (End-of-Life Treatment of Sold Products: Optical Communication Modules, Networking Devices, Automotive Parts, Secondary Battery and Power Cables)	63,000 t-CO <sub>2</sub> e

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## < Verification Opinion >

- ☒ Unmodified Opinion
- ☐ Modified Opinion
- ☐ Adverse Opinion

