

INDEPENDENT LIMITED ASSURANCE STATEMENT

Project ID: PRJN-949796

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Harmonic Drive Systems Inc.

< Verification Objectives >

DNV Business Assurance Japan K.K. (hereinafter, "DNV") has been commissioned by Harmonic Drive Systems Inc. (hereinafter "the Organization") to perform an independent verification of the calculation results of the Harmonic Drive systems Group's greenhouse gas (GHG) emissions and water use for FY2024. The objective of this verification is to confirm that the Organization's claimed GHG emissions and water use have been calculated and reported in accordance with the applicable calculation standards, and to express an independent opinion on this matter. This independent limited assurance statement is primarily intended for the Organizations' management and stakeholders.

< Verification Scope >

The scope of this verification is as follows.

- Organizations : Harmonic Drive Systems Inc. and all of its consolidated subsidiaries and equity method affiliates in Japan and overseas.
- GHG emissions : Scope1, Scope2 (Market based / Location based)
Scope3 (Category 4, 9, 11) * All of its consolidated subsidiaries in Japan.
- Water use : Water withdrawals, water discharges and water consumption

< Verification Criteria >

The criteria for identification, calculation, monitoring, and reporting of GHG emissions, water withdrawals, water discharges and water consumption to be verified are the GHG Protocol Corporate Accounting and Reporting Standard, ISO 14064-1:2018 and the organization's calculation and reporting procedures formulated based on them. The criteria for verification include ISO 14064-3:2019, ISAE 3000 (revised edition), and Verisustain Protocol ver. 6.0.

< Organizational Responsibility >

The organization is responsible for preparing and presenting GHG emissions information in accordance with the calculation and reporting criteria. This includes designing and implementing appropriate internal controls, selecting activity data and emission factors, setting organizational and calculation boundaries, ensuring the validity of assumptions and judgements made in estimates, and complying with applicable laws, regulations, and internal policies.

< DNV's Responsibility >

DNV is responsible for planning and performing limited assurance services based on criteria for verification, obtaining necessary and appropriate evidence to conclude that the subject matter is free from material misstatements, and reporting its conclusions in accordance with reporting criteria. In limited assurance services, the nature, timing, and scope of procedures performed are more limited than those in reasonable assurance services, and the level of assurance obtained is relatively lower.

< Verification Process and Methodology >

Compliance with the above criteria for verification was confirmed based on the professional judgement of our company's experts, primarily using the following methods.

- Identification and analysis of significant misstatement risks

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- Interviews with relevant parties
- Analytical procedures
- Limited reconciliation and recalculation
- Remote and on-site investigations

< Materiality >

This verification was planned and conducted based on the concept of materiality. Therefore, this verification report does not intend to identify all minor errors or failures.

< Period for calculation and verification >

The period for calculation and verification of GHG emissions for FY 2024 is from 1 April 2024 to 31 March 2025.

< Organization Boundary of Verification >

☒ Management Control ☐ Equity Share ☐ Others

< Verified GHG emissions >

DNV's opinion is that the GHG data results in the quantification of GHG emissions that are real, transparent and measurable.

■ Type of GHG	:	CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃
■ GHG emissions Scope 1	:	199.30 t-CO ₂ e
■ GHG emissions Scope 2 (Market based)	:	16,693.15 t-CO ₂ e
Scope 2 (Location based)	:	10,471.23 t-CO ₂ e
(Japan, United States, United Kingdom, Italy, Austria, South Korea, Switzerland, Spain, Taiwan, China, Germany, France)		
■ GHG emissions Scope 3	:	5,873.75 t-CO ₂ e
Category 4	:	2,160.74 t-CO ₂ e
Category 9	:	673,750.57 t-CO ₂ e
Category 11	:	

< Water use verified >

DNV's opinion is that the water use is real, transparent and measurable.

■ Water withdrawals	:	28,041.34 m ³
■ Water discharges	:	27,963.34 m ³
■ Water consumption	:	78.00 m ³

All GHG emissions and water use listed above are verified.

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< Independence and Quality Management >

The policies and procedures established by DNV are to ensure that DNV, its employees, and, where applicable, other parties (including employees of other DNV entities) comply with independence requirements and maintain independence where required by applicable ethical requirements. This work was implemented by an independent team of sustainability assurance experts. Our multidisciplinary team consists of experts with experience in environmental and sustainability assurance. DNV complies with the general principles of ISO/IEC 17029:2019 'Conformity assessment' (requirements for verification and validation bodies) and applies its own management standards and compliance policies for quality management. In accordance with this, DNV maintains a comprehensive quality management system that includes documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements. These meet the requirements of the International Ethics Standards Board for Accountants (IESBA) Code of Ethics for Professional Accountants. Additionally, DNV's assurance services are conducted under a quality management system based on the International Standard for Quality Management in Assurance Services (ISQM1).

< Purpose and intended use >

This report is based on calculations and reporting criteria and is not intended for any purpose other than the purpose for which it was prepared. DNV assumes no responsibility for any losses that may arise from reliance on this report. Please note that this assurance engagement is not a financial statement audit or review.

< Limited assurance conclusion >

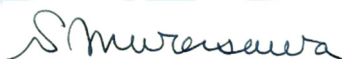
Based on DNV's limited assurance level, no material misstatements were identified that would indicate that the reported GHG emissions claims do not fairly represent the organization's GHG emissions. DNV also declares that it has no financial relationship with the organization at the group level, not limited to this verification engagement.

☒ Unmodified Opinion ☐ Modified Opinion ☐ Adverse Opinion

Location and date: Kobe, Japan, 10 September 2025
DNV Business Assurance Japan K.K.



Tsuyoshi Katori
Approved Verifier



Sahori Murasawa
Technical Reviewer



Naoki Maeda
Representative Director / SCPA
Senior Vice President