

Verification Opinion



6 August 2024
Opinion No : SGS24/021

Mr. Hiroshi Geshiro
President and CEO
Daifuku Co., Ltd.
3-2-11 Mitejima, Nishiyodogawa-ku Osaka JAPAN

Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by Daifuku Co., Ltd. (hereinafter referred to as "the Organization") to conduct independent verification based on Criteria of Verification (ISO14064-3: 2019 and the SGS verification protocol) regarding the data prepared by the Organization on the scope of verification (hereinafter referred to as "the Statement"). The objective of this verification is to confirm that the Statement in the Organization's applicable scope has been correctly calculated and reported in the Statement in conformance with the criteria, and to express our views as a third party. The Organization is responsible for the preparation and fair presentation of the Statement.

Scope

The scope of verification is Scope 1, 2, and 3.

The period subject to report is from 1 April 2023 to 31 March 2024 for Japan, and from 1 January 2023 to 31 December 2023 for overseas.

Refer to the attached sheet for the detailed scope of verification.

Procedure of Verification

The Statement was verified in accordance with Criteria of Verification, and the following processes were implemented at a limited level of assurance:

- Verification of the calculation system: Interviews on the measurement, tabulation, calculation, and reporting methods employed by the Organization as well as review of related documents and records
- Verification of the Statement: On-site verification and voucher review conducted at Komaki Works and Tokyo Headquarters, and analytical procedures and interviews for the other sites in the scope of verification carried out at Shiga Works

The criteria for this review are based on Act on the Rational Use of Energy, GHG Emissions Calculation and Reporting Manual Ver. 5.0, IEA emission factor (2022), Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.5, Emission Factor Database on the same Accounting Ver. 3.4 and the protocol specified by the Organization.

Conclusion

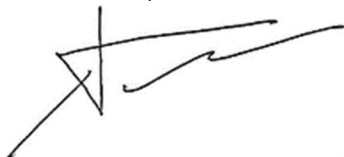
Within the scope of the verification activities employing the methodologies mentioned above, nothing has come to our attention that caused us to believe that the Organization's Statement was not calculated and reported in conformance with the criteria.

SGS Japan Inc. affirms our independence from the Organization, being free from bias and conflicts of interest with the Organization.

For and on behalf of SGS Japan Inc

Yokohama business Park North Square I
134, Good-cho, Hodogaya-ku, Yokohama
Business Assurance
Head of Certification/Accreditation

Yuji Takeuchi



Attached file

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The details of the scope of verification

The Scope		The Boundary	The Statement
1	Scope 1 and 2 (energy related carbon dioxide emissions) Excluding the vehicles which run outside of the sites	31 sites (Production base 28 sites, Non-production base 3 sites)	Scope 1: 7,741 t- CO ₂ Scope 2: 9,489 t- CO ₂
2	Scope 3 (category 1)	The Organization *Limited to purchased goods directly related to manufacturing	637,606 t- CO ₂
3	Scope 3 (category 6)	The Organization and the domestic group companies (107 sites) *Including overseas secondment employees	610 t- CO ₂
4	Scope 3 (category 7)	The Organization and the domestic group companies (107 sites) *Including overseas secondment employees	1,658 t- CO ₂
5	Scope 3 (category 11)	The Organization *Excluding products from the Airport Division and products manufactured on order at overseas sites	633,719 t- CO ₂

31 sites

No.	Organization name	Business establishment name
1	Daifuku Co., Ltd.	Shiga Works
2	Daifuku Co., Ltd.	Osaka Headquarters
3	Daifuku Co., Ltd.	Tokyo Headquarters
4	Daifuku Co., Ltd.	Komaki Works
5	Contec Co., Ltd.	Komaki Works
6	Daifuku Manufacturing Technology Co., Ltd.	Osaka Branch
7	Iwasaki Seisakusho Co., Ltd.	Niigata Plant
8	Daifuku Automotive America Corporation	Main Office & Plant (Ohio)
9	Daifuku Automotive America Corporation	Carlisle Forging Plant
10	Daifuku Manufacturing India Private Ltd.	ForgePro India
11	Daifuku Manufacturing Canada Corporation	Canada Plant
12	Daifuku Airport America Corporation	Main Office (Novi)
13	Daifuku Airport America Corporation	Boyne City Manufacturing Plant
14	Daifuku Airport America Corporation	Harbor Springs Manufacturing Plant
15	Daifuku Airport America Corporation	Northern Michigan Manufacturing Plant
16	Taiwan Daifuku Co., Ltd.	Main Office & Plant (Tainan)
17	Taiwan Daifuku Co., Ltd.	Taichung Plant
18	Daifuku (Thailand) Ltd.	Main Office & Plant (Pinthong)
19	Daifuku (Thailand) Ltd.	Chonburi Plant
20	Daifuku (China) Automation Co., Ltd.	Main Office (Jiangsu)
21	Daifuku (China) Manufacturing Co., Ltd.	Main Office (Shanghai)
22	Daifuku (Suzhou) Cleanroom Automation Co., Ltd.	Main Office & Plant (Suzhou)
23	Clean Factomation, Inc.	Asan Plant
24	Daifuku Logan Ltd.	Main Office (Hull)
25	Contec Americas Inc.	Main Office
26	Hallim Machinery Co., Ltd.	Main Office / Factory
27	Daifuku Korea Co., Ltd.	Plant (Incheon)
28	Daifuku Intralogistics America Corporation	Hobart Plant
29	Daifuku Intralogistics America Corporation	Arlington Plant
30	BCS Integration Solutions Sdn. Bhd.	Factory (Nilai)
31	Daifuku Intralogistics India Private Limited	Main Office & Factory