Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

Introduction

Korean Foundation for Quality (hereinafter 'KFQ') has been engaged by POSCO FUTURE M (hereinafter 'the Company') to independently verify its Carbon footprint report of the below product.

Product / Functional Unit

Cathode Active Materials(PN6) 1ton product

Data Collection Period

The emission calculation period is from January 1st to December 31st, 2022.

Verification Scope

The scope of verification is to examine Life Cycle Assessment (LCA) of the above product as per verification criteria below, and specifically to evaluate the reliability of data and information provided by the Company.

Verification Criteria

This verification has conducted in accordance with the following criteria:

- ISO 14067:2018 Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification
- Product Category Rules – Graphite Product – Product Category Classification: UN CPC 3795, 3799, 4695 version 1.0.0

Level of Assurance

The verification has conducted under limited level of assurance. The accuracy and completeness of the data shown in the Product carbon footprint report contain inherent limitations that can arise depending on the characteristics, calculations, and estimation of the data by the Company.

Verification Limitation

Product carbon footprint verification involves inherent limitations that may arise depending on the organization's data characteristics, calculations and estimates, sampling method, and limited assurance level. Additionally, this verification does not include responsibility for the accuracy of the original data provided by the Company.

Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

Verification Approach

The verification process included desk review of the Product carbon footprint report provided by the Company. This is followed by on-site visit to carry out interviews with whom compilated the report in order to check data & information system and process. Furthermore, we examined evidences to assess the data and information referred in the report.

Verification Opinion

As a result of the verification, it is the opinion of KFQ that:

- The Product carbon footprint report was performed in accordance with ISO 14067:2018.
- The Product carbon footprint report provides a fair view of the product's LCA result.
- The data and information used for the Product carbon footprint report are appropriate and reasonable. Material errors, omissions and distortions which would affect verification statement were not detected.
- The assumptions applied for the Product carbon footprint report are transparently described in the Product carbon footprint report to avoid any potential misinterpretation.

Appendix A. Summary of Verification results

June 15th, 2024

Ji Young Song

CEO Ji-Young Song
Korean Foundation for Quality

National Institute of Environmental Research

Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

Introduction

Korean Foundation for Quality (hereinafter 'KFQ') has been engaged by POSCO FUTURE M (hereinafter 'the Company') to independently verify its Carbon footprint report of the below product.

Product / Functional Unit

Cathode Active Materials(PN8) 1ton product

Data Collection Period

The emission calculation period is from January 1st to December 31st, 2022.

Verification Scope

The scope of verification is to examine Life Cycle Assessment (LCA) of the above product as per verification criteria below, and specifically to evaluate the reliability of data and information provided by the Company.

Verification Criteria

This verification has conducted in accordance with the following criteria:

- ISO 14067:2018 Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification
- Product Category Rules – Graphite Product – Product Category Classification: UN CPC 3795, 3799, 4695 version 1.0.0

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Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

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Appendix A. Summary of Verification results

June 15th, 2024

Ji Young Song

CEO Ji-Young Song
Korean Foundation for Quality

National Institute of Environmental Research

Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

Introduction

Korean Foundation for Quality (hereinafter 'KFQ') has been engaged by POSCO FUTURE M (hereinafter 'the Company') to independently verify its Carbon footprint report of the below product.

Product / Functional Unit

Natural graphite anode materials 1kg product

Data Collection Period

The emission calculation period is from January 1st to December 31st, 2022.

Verification Scope

The scope of verification is to examine Life Cycle Assessment (LCA) of the above product as per verification criteria below, and specifically to evaluate the reliability of data and information provided by the Company.

Verification Criteria

This verification has conducted in accordance with the following criteria:

- ISO 14067:2018 Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification
- Product Category Rules – Graphite Product – Product Category Classification: UN CPC 3795, 3799, 4695 version 1.0.0

Level of Assurance

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Verification Opinion Statement

Life Cycle Assessment (LCA)

POSCO FUTURE M

Verification Approach

The verification process included desk review of the Product carbon footprint report provided by the Company. This is followed by on-site visit to carry out interviews with whom compilated the report in order to check data & information system and process. Furthermore, we examined evidences to assess the data and information referred in the report.

Verification Opinion

As a result of the verification, it is the opinion of KFQ that:

- The Product carbon footprint report was performed in accordance with ISO 14067:2018.
- The Product carbon footprint report provides a fair view of the product's LCA result.
- The data and information used for the Product carbon footprint report are appropriate and reasonable. Material errors, omissions and distortions which would affect verification statement were not detected.
- The assumptions applied for the Product carbon footprint report are transparently described in the Product carbon footprint report to avoid any potential misinterpretation.

Appendix A. Summary of Verification results

June 15th, 2024

Ji Young Song

CEO Ji-Young Song
Korean Foundation for Quality

National Institute of Environmental Research