

## Carbon Balloon Label Certificate

related to Hyosung Dong Nai Co. Ltd  
Carbon Footprint Report 2020

### Terms of Engagement

This Assurance Statement has been prepared for Hyosung Dong Nai Co., Ltd in accordance with our contract.

LRQA was commissioned by Hyosung Dong Nai Co., Ltd to verify "The Carbon Footprint Report of Tire Cords, dated 23 Nov. 2021" (hereafter referred to as the CFP Report). The CFP Report relates to the product-related life cycle greenhouse gas (GHG) emissions associated with the tire cord (HSP-30) using various types of fabrics such as PET tire cords (the Product), which is manufactured by Hyosung Dong Nai Co., Ltd at N3 Street Nhon Trach 5, Industrial Zone, Dong Nai Province, Vietnam.

The CFP Report relates to data collected for the financial year from Jan. 2020 to Dec. 2020 for the partial life cycle (Business-to-Business) GHG emissions associated with the Product.

### Management Responsibility

While Hyosung Dong Nai Co., Ltd is responsible for preparing the CFP Report, Hyosung Dong Nai Co., Ltd remains responsible for maintaining effective internal controls over the data and information disclosed. LRQA's responsibility was to carry out an assurance engagement on the CFP Report in accordance with our contract with Hyosung Dong Nai Co., Ltd.

Ultimately, the CFP Report has been approved by and remains the responsibility of Hyosung Dong Nai Co., Ltd.

### LRQA's Approach

LRQA's verification has been conducted in accordance with LRQA's verification approach to provide a limited level of assurance that the CFP Report has been prepared in conformance with *PAS 2050:2011 Specification for the assessment of the life cycle greenhouse gas emissions of goods and services*.

To form our conclusions the assurance was undertaken as a sampling exercise and covered the following activities:

- Interviewed key people responsible for the management of GHG data and information and for the preparation of the CFP Report;
- Reviewed processes related to the management of GHG data and records; and
- Verified the historical GHG data and information on aggregated level for the financial year from Jan. 2020 to Dec. 2020.
- Conducted the verification remotely due to COVID-19.

### Level of Assurance & Materiality

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and a qualitative level of materiality of LRQA professional judgement for secondary and proxy data.



### LRQA's Opinion

Based on LRQA's approach, nothing has come to our attention that would cause us to believe that:

- the product-related life cycle greenhouse gas (GHG) emissions associated with the functional unit of the product recorded in the CFP Report for the financial year from Jan. 2020 to Dec. 2020 are not materially correct;
- the functional unit figures are not based on production; and
- the CFP Report has not been prepared in accordance with PAS 2050:2011.

Dated: 12 January 2022

### Total life cycle GHG emissions

Various types of fabrics	Functional unit (product sale unit)	Total Lifecycle GHG Emissions (kgCO <sub>2</sub> -eq per tonne)	Total Lifecycle GHG Emissions (kgCO <sub>2</sub> -eq per tonne) (to 2 Significant Figures as required by PAS 2050:2011)
PET tire cords	kgCO <sub>2</sub> -eq per tonne	3.67E+03	3.7E+03

Approval

Certificate No: SE000000359

Byung-Gil Lim  
Lead Verifier

Korea Operations Manager

Issued by : LRQA Korea Limited for and on behalf of LRQA Limited

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