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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 3116-2019

Forest certification in China -- Carbon neutralization products

中国森林认证 碳中和产品

(English Translation)

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Table of Contents

Contents

Foreword

Introduction

China Forest Certified Carbon Neutral Products

1 Scope

2 Normative references

3 Terms and definitions

4 Product carbon emissions measurement

5 Carbon sink sources and management

6 Product carbon neutrality

7 Carbon neutral product identification

8 Management system

Appendix A (Normative Appendix) Carbon Neutral Product Certification Report

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is proposed by the National Forestry and Grassland Science and Technology Development Center.

This standard is under the jurisdiction of the National Forestry Sustainable Management and Forest Certification Standardization Technical Committee (SAC/TC360).

This standard was drafted. Institute of Forestry Science and Technology Information, Chinese Academy of Forestry, Science and Technology of State Forestry and Grassland Bureau Development Center, Northeast Forestry University, Guangdong Academy of Forestry, Heilongjiang Forestry Carbon Sink Monitoring Center.

Introduction

The purpose of the certification of carbon-neutral products is to confirm that the applicant will neutralize the carbon emissions from the carbon emissions of its products throughout its life cycle.

Carrying out carbon neutral product certification is an important measure for forestry to cope with climate change. It is to promote green and low-carbon development and guide

green consumption.

The important means of expenses is also an important manifestation of the company's active performance of social responsibility.

Carbon sinks for carbon neutrality come from forestry carbon sinks legally traded on the open market.

LY/T 3115-2019

China forest certified carbon neutral products

1 Scope

This standard specifies the requirements for products to implement carbon neutrality certification, including product carbon emissions measurement, carbon sink sources, carbon neutrality, Carbon neutral product identification, management system, etc.

This standard applies to carbon neutral product certification activities implemented in the People's Republic of China.

2 Normative references

The following documents are essential for the application of this document. For dated references, only dated versions Applies to this document. For undated references, the latest version (including all amendments) applies to this article Pieces.

PAS 2050..2008 Specification for the life cycle greenhouse gas emissions of goods and services assessment of the life cycle greenhouse gas emissions of goods and services)
ISO 14067 Greenhouse gases-Carbon footprint of products-Requirements and guidelines for quantification and communication)

3 Terms and definitions

The following terms and definitions apply to this document.

Applicant

An organization that proposes certification of carbon neutral products to certification bodies.

Product

Goods or services defined by the applicant whose carbon emissions are to be measured and quantified and neutralized according to this standard.

Forestry carbon-sink LY/T 3115-2019 Forestry carbon sink refers to the use of forest carbon storage functions to reduce deforestation and other activities through afforestation,

reforestation and forest management.

Absorption and fixation of greenhouse gas emissions.

3.5 Product carbon emission

The carbon footprint of the product throughout its life cycle, from raw materials to production (or provision of services), distribution, utilization GHG emissions from all stages of use and disposal/recycling.

Carbon neutrality

To offset certain types and numbers of applicants with a certain amount of forestry carbon sinks legally traded from the open market Carbon emissions of products.

Carbon neutrality claim After the applicant obtained the certification of carbon neutral products, the carbon emissions of its specific types and quantities of products have been achieved.

And objective statements.

4.1 Measurement method

4.1.1

The applicant shall calculate the carbon emissions of the product in accordance with PAS 2050..2008 or ISO 14067 standards.

4.1.2

The carbon emissions of the entire product life cycle shall be calculated.

4.2 Measurement report

4.2.1

The applicant shall provide a carbon emission measurement report covering all of its carbon neutral products.

4.2.2

The carbon emission measurement report shall include at least the following aspects.

- a) carbon neutral product description;
- b) description of all phases of the product's entire life cycle;
- c) the source and collection process of the data;
- d) measurement method;
- e) calculation of emissions;

f) Sources of formulas and parameters.

5 Carbon sink sources and management

LY/T 3115-2019

5.1 Sources of carbon sinks

The carbon sinks used to neutralize carbon emissions should be derived from forestry carbon sinks legally traded on the open market.

5.2 Management of carbon sinks

5.2.1

The applicant shall provide certification materials that can prove that it owns forestry carbon sinks.

5.2.2

The applicant shall establish a carbon sink management account to record changes in the amount of carbon sinks it owns and use information.

5.2.3

Applicants shall not conduct carbon neutral product certification through virtual procurement or virtual ownership.

6 Product carbon neutrality

6.1

The applicant may use its purchased or owned forestry carbon sinks to neutralize the carbon emissions of its specific quantities and products.

6.2

The applicant shall deduct the carbon sinks in its carbon sink management account accordingly when conducting carbon neutralization, and it should exceed the amount of carbon sinks actually held in its carbon sink management account.

6.3

Carbon neutral products shall be physically separated from other products.

7 Carbon neutral product identification

7.1

The applicant may use the special logo of the China Forest Certification System on its carbon neutral products.