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

GB/T 45561.2-2025

**Industrial trucks - Sustainability - Part 2: Factors and reporting
(English Translation)**

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Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and Definitions
4 Sustainability Factors
5 Report
Appendix A (Informative) Reporting format for information on sustainability factors for industrial vehicles
References

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 2 of GB/T 45561 "Sustainability of Industrial Vehicles". GB/T 45561 has been published in the following parts.

--- Part 1: Terminology;

--- Part 2: Factors and reporting.

This document is equivalent to ISO 23434-2:2021 "Industrial vehicles sustainability - Part 2: Factors and reporting".

Introduction

GB/T 45561 "Sustainability of Industrial Vehicles" is a standard for implementing the sustainable development path of my country's industrial vehicles and realizing the technical it has laid a standard foundation for aligning technology with international standards and eliminating technical trade barriers.

GB/T 45561 aims to establish the sustainability terminology, factors and reporting of industrial vehicles and is intended to consist of two parts.

--- Part 1: Terminology. The purpose is to define the terminology of sustainability of industrial vehicles.

--- Part 2: Factors and reporting. The purpose is to establish the factors and reporting format of industrial vehicle sustainability.

This document adheres to the concept of life cycle and establishes the sustainability factors of industrial vehicles from three dimensions. environmental, social and economic.

Industrial Vehicle Sustainability Part 2: Factors and reporting

1 Scope

This document identifies sustainability factors for industrial vehicles and provides an example format for a sustainability report.

This document applies to the raw material acquisition, design, production, transportation/delivery of industrial vehicles (hereinafter referred to as "vehicles") as defined in ISO 5053-1.

payment, use, end of life and final disposal.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

methods)

Note: GB/T 43657.1-2024 Industrial vehicle energy efficiency test method Part 1: General (ISO 23308-1:2020, IDT) GB/T 43657.2-2024 Industrial vehicle energy efficiency test method Part 2: Operator-controlled self-propelled vehicles, tractors and carriers (ISO 23308-2:2020,MOD) GB/T 43657.3-2024 Industrial vehicle energy efficiency test method Part 3: Container handling truck (ISO 23308-3:2020, IDT) ISO 23434-1 Industrial trucks-Sustainability-Part 1: Terminology Vocabulary Note. GB/T 45561.1-2025 Industrial vehicles sustainability Part 1: Terminology (ISO 23434-1:2021, IDT) measuringvibration)

3 Terms and definitions

For the purpose of this document, the terms and definitions given in ISO 23434-1 apply.

4.1 Overview

The sustainability factors listed in Table 1 are applicable to achieving a sustainable balance between environmental, economic and social needs.

Estimates derived from the application of these sustainability factors can be used to provide information for the vehicle.

NOTE: This document identifies typical sustainability factors.