

ICS 53.060

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

GB/T 42157.2-2023

**Rough-terrain trucks - Non-integrated personnel work platforms
- Part 2: User requirements**

Issued on: March 17, 2023

Implemented on: October 1, 2023

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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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 42157 "Non-integrated personnel working platforms for off-road forklifts". GB/T 42157 has been issued

the following sections.

--- Part 1. Design, safety requirements and verification;

--- Part 2. Requirements for users.

This document identically adopts ISO 18479-2:2016 "Off-road forklift non-integrated personnel working platform - Part 2. Requirements for users beg".

Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

With its unique structure and a variety of attachments that it can be equipped with, off-road

forklifts are capable of working on many different types of vehicles.

The application is extremely wide, and foreign countries already have a complete technical standard system for off-road forklifts. At present, some domestic manufacturers have entered this

field. For off-road forklifts equipped with non-integrated personnel working platforms, it is related to the safety of operators and vehicles, so the requirements for off-road forklifts

Safety requirements are getting higher and higher. The international high-end market has strict access requirements. In order to break the technical barriers to trade, we have accelerated the cross-country forklift

The transformation process of international standards will bring the safety requirements and verification methods of our country's off-road forklifts into line with international standards as soon as possible.

GB/T 42157 "Non-integrated personnel working platforms for off-road forklifts" aims to establish the non-integrated personnel working platforms installed on off-road forklifts.

Design specifications, security requirements and requirements for users of the operating platform. GB/T 42157 intends to publish the following parts.

--- Part 1.Design, safety requirements and verification. The purpose is to establish the design specifications and safety requirements of the non-integrated personnel work platform.

Request and verification method.

--- Part 2.Requirements for users. The purpose is to establish the qualifications and use of users of non-integrated human work platforms.

If permitted, rough terrain forklifts may be fitted with an integrated or non-integrated work platform for lifting users and materials to higher work platforms.

height.

See ISO 11525-5 for the user requirements for the connection device between the off-road telescopic forklift and the integrated personnel working platform.

Off-road forklift non-integrated personnel working platform

Part 2.Requirements for users

1 Scope

This document specifies the requirements for users of off-road forklifts equipped with non-integrated personnel working platforms (PWP) as attachments. which includes

Includes a non-integrated PWP secured to the fork of the forklift. This document is used in

conjunction with ISO 10896-1 and ISO 18479-1.

This document does not involve the requirements for users of off-road forklifts with personnel working platforms installed with control devices that affect the operation or movement of off-road forklifts

(See ISO 18893).

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references

Only the version corresponding to that date applies to this document. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 35205.1-2017 Safety requirements and verification of off-road forklifts Part 1.Telescopic forklifts (ISO 10896-1.

2012, IDT)

ISO 5057 Inspection and repair of industrial vehicle forklift forks in use (Industrialtrucks-Inspectionandrepair

Note. GB/T 17910-1999 Inspection and repair of industrial vehicle forklift forks in use (ISO 5057.1993, IDT)

ISO 10896-1 Safety requirements and verification for off-road forklifts Part 1.Telescopic forklifts (Rough-terraintrucks-

Note. GB/T 35205.1-2017 Safety requirements and verification for off-road forklifts Part 1.Telescopic forklifts (ISO 10896-1.2012, IDT)

ISO 18479-1 Non-integrated personnel working platforms for off-road forklifts - Part 1.Design, safety requirements and verification (Rough-verification)

3 Terms and Definitions

The following terms and definitions apply to this document as defined in ISO 10896-1 and ISO 18479-1.

3.1

PFPE

A personal safety system consisting of a full body harness and safety rope.

Note 1.A full body harness is usually designed to accommodate the torso and distribute the fall arrest force at least on the upper thighs, pelvis, chest and shoulders.

support device.

Note 2.A safety rope is a component consisting of a flexible rope, wire rope or webbing, usually with a connector at each end for connection to the body support and fall arrest drop gear, buffers, anchor connectors or anchors.

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