

Rattad. Jalgrataste ohutusnõuded. Osa 8: Pedaalide ja ülekandesüsteemi katsemeetodid

**Cycles - Safety requirements for bicycles - Part 8: Pedal and drive system test methods
(ISO 4210-8:2014, Corrected version 2014-11-01)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 4210-8:2014 sisaldab Euroopa standardi EN ISO 4210-8:2014 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 4210-8:2014 consists of the English text of the European standard EN ISO 4210-8:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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EUROPEAN STANDARD

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English Version

**Cycles - Safety requirements for bicycles - Part 8: Pedal and drive system
test methods (ISO 4210-8:2014, Corrected version 2014-11-01)**

Cycles - Exigences de sécurité des bicyclettes - Partie 8:
Méthodes d'essai des pédales et du pédalier (ISO 4210-
8:2014, Version corrigée 2014-11-01)

Fahrräder - Sicherheitstechnische Anforderungen an Fahrräder -
Teil 8: Prüfverfahren für Pedal und Antriebssystem (ISO
4210-8:2014, korrigierte Fassung 2014-11-01)

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Foreword

This document (EN ISO 4210-8:2014) has been prepared by Technical Committee ISO/TC 149 "Cycles" in collaboration with Technical Committee CEN/TC 333 "Cycles" the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2015, and conflicting national standards shall be withdrawn at the latest by July 2015.

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This document supersedes EN 14764:2005, EN 14766:2005, EN 14781:2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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Endorsement notice

The text of ISO 4210-8:2014 has been approved by CEN as EN ISO 4210-8:2014 without any modification.

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Introduction

This International Standard has been developed in response to demand throughout the world, and the aim has been to ensure that bicycles manufactured in compliance with this International Standard will be as safe as is practically possible. The tests have been designed to ensure the strength and durability of individual parts as well as of the bicycle as a whole, demanding high quality throughout and consideration of safety aspects from the design stage onwards.

The scope has been limited to safety considerations, and has specifically avoided standardization of components.

If the bicycle is to be used on public roads, national regulations apply.

Cycles — Safety requirements for bicycles —

Part 8:

Pedal and drive system test methods

1 Scope

This part of ISO 4210 specifies pedal and drive system test methods for ISO 4210-2.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4210-1, *Cycles – Safety requirements for bicycles – Part 1: Terms and definitions*

ISO 4210-3:2014, *Cycles – Safety requirements for bicycles – Part 3: Common test methods*

IEC 60529:2001, *Degrees of protection provided by enclosures (IP Code)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 4210-1 apply.

4 Test methods

4.1 Pedal — Static strength test

Screw the pedal-spindle securely into a suitable rigid fixture with its axis horizontal, as shown in [Figure 1](#), and apply a vertically downward force of 1 500 N for 1 min to the centre of the pedal as shown in [Figure 1](#). Release the force and examine the pedal assembly and the spindle.