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ISO 17409:2020

Electrically propelled road vehicles — Conductive power transfer — Safety requirements

This document specifies electric safety requirements for conductive connection of **electrically** propelled road vehicles to external electric circuits. External electric circuits include external electric power supplies and external electric loads. This document provides requirements for the ...

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Standard

ISO/TS 19466:2017

Electrically propelled mopeds and motorcycles — Test method for evaluating performance of regenerative braking systems

ISO/TS 19466:2017 specifies test procedures for measuring performance of regenerative braking systems used for electric motorcycles and mopeds that are propelled by traction motors with electric batteries. Performance of regenerative braking systems is dealt with two perspectives: first, how much a regenerative ...

Published

Standard

ISO 5474-4:2025

Electrically propelled road vehicles — Functional and safety requirements for power transfer between vehicle and external electric circuit — Part 4: Magnetic field wireless power transfer

This document defines the requirements and operation of the on-board vehicle equipment that enables magnetic field wireless power transfer (MF-WPT) between supply device and electric vehicles (EV). It is intended to be used for passenger cars and light commercial vehicles. This document addresses the following ...

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Standard

ISO 8102-6:2019

Electrical requirements for lifts, escalators and moving walks — Part 6: Programmable electronic systems in safety-related applications for escalators and moving walks (PESSRAE)

1.1 This document is applicable to the product family of escalators and moving walks used in residential buildings, offices, hospitals, hotels, industrial plants, etc. This document covers those aspects that need to be addressed when programmable electronic systems are used to carry out electric safety functions ...

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Standard

ISO/TR 8713:2019

Electrically propelled road vehicles — Vocabulary

This document establishes a vocabulary of terms and the related definitions used in ISO/TC 22/SC 37 standards.

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Standard

ISO/PAS 5474-6:2025

Electrically propelled road vehicles — Functional and safety requirements for power transfer between vehicle and external electric circuit — Part 6: Safety and interoperability requirements for heavy-duty vehicles in magnetic field wireless power transfer

This document defines the requirements and operation of the on-board vehicle equipment that enables magnetic field wireless power transfer (MF-WPT) for traction battery charging of electric vehicles. It specifies requirements for static (vehicle not in motion) and dynamic (vehicle in motion) applications. It is ...

Published

Standard

ISO 18243:2025

Electrically propelled mopeds and motorcycles — Test specifications and safety requirements for lithium-ion battery systems

This document specifies the test procedures for lithium-ion battery packs and systems used in **electrically** propelled mopeds and motorcycles. The specified test procedures enable the user of this document to determine the essential characteristics on performance and safety of lithium-ion battery ...

Published

Standard

ISO 21498-2:2024

Electrically propelled road vehicles — Electrical specifications and tests for voltage class B systems and components — Part 2: Electrical tests for components

This document applies to voltage class B electric propulsion systems and connected auxiliary electric systems of **electrically** propelled road vehicles. It applies to electric circuits and components in these systems. This document focuses on the characteristics at the DC voltage class B terminals ...

Published

Standard

ISO 21782-3:2019

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 3: Performance testing of the motor and the inverter

This document specifies performance tests for the motor and the inverter designed as a voltage class B electric propulsion system for **electrically** propelled road vehicles.

Published

Standard

ISO 21782-2:2019

Electrically propelled road vehicles — Test specification for electric propulsion components — Part 2: Performance testing of the motor system

This document specifies the performance tests for the motor system designed as a voltage class B electric propulsion system for **electrically** propelled road vehicles.

Published

Standard

ISO 5474-1:2024

Electrically propelled road vehicles — Functional and safety requirements for power transfer between vehicle and external electric circuit — Part 3: DC power transfer

This document in combination with ISO 5474-1 specifies requirements for conductive power transfer using alternating current (AC) with a voltage up to 1 000 V a.c. between electrically propelled road vehicles and external electric circuits. NOTE External electric circuits are not part of ...

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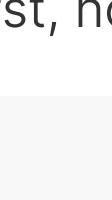
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