PD ISO/TR 8713:2019

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Electrically propelled road vehicles — Vocabulary

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National foreword

This Published Document is the UK implementation of ISO/TR 8713:2019. It supersedes PD ISO/TR 8713:2012, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/69, Electric vehicles.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Electrically propelled road vehicles — Vocabulary

Véhicules routiers électriques — Vocabulaire

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22 *Road vehicles*, Subcommittee SC 37 *Electrically propelled road vehicles*.

This edition of ISO/TR 8713 cancels and replaces the first edition (ISO 8713:2012), which has been technically revised and includes the following main changes:

— addition of all terms and definitions from ISO/TC 22/SC 37 standards;

— addition of source information for terms/definitions not developed in ISO/TC 22/SC 37;

— provision of information on standards using the relevant term and defining a master;

— adaptation of structure to the ISO/IEC Directives Part 2, 2016 edition;

— provision of a list of abbreviations used in this document.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Introduction

This document establishes a vocabulary of terms and the related definitions used in ISO standards for electrically propelled road vehicles.

It provides support for the development of new standards and for the review of existing standards.

This document lists terms as defined in ISO/TC 22/SC 37 publications. For each term, the master publication is assigned based on an ISO/TC 22/SC 37 decision. Other publications of ISO TC 22/SC 37 may contain definitions for those terms as well. This document replicates the definition for the term from the master publication without any change. The master publication and the other publications are listed with each term.

ISO/TC 22/SC 37 decided that project leaders of projects using the term should align themselves with the content of the definition under the leadership of the project leader from the master publication. ISO/TC 22/SC 37 prioritizes a consistent use of definitions for terms.

The terms and definitions are listed in alphabetical order. A topic specific list is given in Annex A.

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Electrically propelled road vehicles — Vocabulary

1 Scope

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

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia available at http://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

3.1
acceleration ability (v1 to v2)
shortest time required to accelerate the vehicle from speed v1 to speed v2

Note 1 to entry: Master publication in ISO/TC 22/SC 37: ISO 8715:2001.

3.2
alignment
relative position of primary to secondary device

Note 1 to entry: Master publication in ISO/TC 22/SC 37: ISO/PAS 19363:2017.

3.3
alignment check
confirmation that the primary and secondary devices are properly positioned relative to each other

Note 1 to entry: Proper positioning is done to assure sufficient system functionality (e.g. system efficiency, EMF/EMC limits, safety requirements etc.).

[SOURCE: IEC 61980-2]

Note 2 to entry: Master publication in ISO/TC 22/SC 37: ISO/PAS 19363:2017.

3.4
applicable driving test
ADT
single driving test schedule which is specified for each region

EXAMPLE Chassis dynamometer test cycle for light-duty vehicles in Japan (JC08), New European Driving Cycle (NEDC), Urban Dynamometer Driving Schedule (UDDS).

Note 1 to entry: Master publication in ISO/TC 22/SC 37: ISO 23274-2:2012, also defined in ISO 23274-1:2013 and ISO 23828:2013.

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