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Interested committees:

Title: Draft BS ISO 8715-1 Electric road vehicles — Road operating characteristics. Part 1: Passenger cars and light duty vehicles.

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

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Submission of Comments

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Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 8715-1

Electric road vehicles — Road operating characteristics —

Part 1: Passenger cars and light duty vehicles

*Véhicules routiers électriques — Caractéristiques routières —
Partie 1: Voitures particulières et véhicules utilitaires légers*

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ISO/TC 22/SC 37

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2025-09-05

Voting terminates on:
2025-11-28

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Parameters, units and accuracy of measurements	2
5 Test conditions	3
5.1 Vehicle conditions	3
5.2 Atmospheric conditions	3
5.3 Track conditions	3
5.3.1 General conditions	3
5.3.2 Straight track	4
5.3.3 Loop track	4
5.3.4 Test slope	4
6 Preconditioning of the vehicle	4
6.1 Charge of RESS	4
6.1.1 Normal charge	5
6.1.2 End-of-charge criteria	5
6.2 Warm-up	5
6.3 Load distribution	5
6.3.1 Load distribution requirements	5
6.3.2 Requirements for test mass and load distribution of each test item	5
7 Test procedure	5
7.1 General	5
7.2 Maximum thirty minutes speed	6
7.3 Maximum speed	6
7.3.1 Standard test procedure	6
7.3.2 Single direction test procedure	7
7.3.3 The maximum speed test procedure on the loop track	7
7.4 Acceleration ability	8
7.4.1 Principle	8
7.4.2 Acceleration ability 0 km/h to 100 km/h	8
7.4.3 Acceleration ability 60 km/h to 100 km/h	8
7.4.4 Acceleration ability 80 km/h to 120 km/h	9
7.4.5 Data processing	9
7.5 Maximum speed uphill	9
7.6 Hill starting ability	10
7.6.1 Principle	10
7.6.2 Procedure	10
7.6.3 Evaluation of α_0	10
7.7 Maximum gradeability test	11
7.7.1 Principle	11
7.7.2 Procedure	11
7.7.3 Evaluation of α_m	12
Annex A (normative) Rules for Determining Correction Factors of Loop Tracks	13

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 Electro technical Commission (IEC) on all matters of electro technical 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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This document was prepared by Technical Committee *[or Project Committee]* ISO/TC 22, Subcommittee SC 37.

This second edition cancels and replaces the first edition (ISO 8715:2001), which has been technically revised.

The main changes are as follows:

- Modified the name of the standard
- Modified the scope of the standard (Chapter 1 of this version);
- Modified normative references (Chapter 2 of this version);
- Added the definition of test mass for light duty vehicle ([3.4](#) of this version);
- Modified the definition of maximum speed ([3.6](#) of this version)
- Added the definition of initial starting acceleration ability (3.4.1 of this version);
- Added the definition of overriding acceleration ability (3.4.2 of this version);
- Added the definition of maximum gradeability ([3.6](#) of this version);
- Deleted Chapter 4 Principle (4 of 2001 version);
- Rearranged Chapter 5 “Parameters, units and accuracy of measurements” into Chapter 4 (this version), and modified some details;
- Modified the vehicle condition, atmosphere condition and track condition, and added the slope requirement (Chapter 5 of this version);
- Modified the preconditioning of the vehicle, added the load distribution requirement (Chapter 6 of this version);
- Deleted Test Sequence (Chapter 8 of 2001 version);

ISO/DIS 8715-1:2025(en)

- Rearranged Chapter 9 “Test procedures” into Chapter 7 “Test Procedure”;
- Added General ([7.1](#) of this version);
- Modified Maximum thirty minutes speed test ([7.2](#) of this version);
- Modified Maximum speed test ([7.3](#) of this version);
- Modified Acceleration ability test ([7.4](#) of this version);
- Modified Maximum speed uphill test ([7.5](#) of this version);
- Modified Hill starting ability test ([7.6](#) of this version);
- Added Maximum gradeability test ([7.7](#) of this version);
- Deleted [Annex A](#) “Determination of the total road load power of a vehicle and calibration of the chassis dynamometers”;
- Added [annex A](#) “Rules for Determining Correction Factors of Loop Tracks” ([Annex A](#) of this version);

A list of all parts in the ISO 8715 series can be found on the ISO website.

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/iso/members.html.