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Interested committees:

Title: Draft BS ISO 25256 Road sweepers — Performance requirements and test methods.

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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.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

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 25256

Road sweepers — Performance requirements and test methods

*Balayeuses routières — Exigences de performance et méthodes
d'essai*

ICS: 43.160

ISO/TC 195/SC 2

Secretariat: **DIN**

Voting begins on:
2025-09-10

Voting terminates on:
2025-12-03

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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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 195, *Building construction machinery and equipment*, Subcommittee SC 2, *Road operation machinery and associated equipment*.

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.

Chapter 4.1 contains two test methods. Test method A is typically applied in the European and other markets, whereas test method B is typically applied in the Japanese market.

Table 1 of this document contains, in addition to the statutory units, the unit Nm³ (normal cubic metres), which is not approved for use in Germany. It is expressly noted that the application of this unit in official national and commercial practice is not allowed due to the law on units of measurement and times (EinhZeitG). This unit is only mentioned as an aid in official and commercial transactions (e.g., import/export) with nations that use this unit.

Conversion:

Unapproved unit	Approved unit	Conversion
Nm ³	m ³	1 Nm ³ = 1 m ³
mph	m/s	1 m/s = 2,24 mph
km/h	m/s	1 m/s = 3,6 km/h

NOTE A normal cubic metre (Nm³) of gas is the amount of a gas in a volume of 1 m³ at 1,013 25 bar and 0 °C.

Road sweepers — Performance requirements and test methods

1 Scope

This document applies to surface cleaning machines for outdoor applications in public areas, roads, airports and industrial complexes. Surface cleaning machines in terms of this standard, are self-propelled, truck mounted, attached sweeping equipment or pedestrian controlled.

This document deals with the performance and functional characteristics and the test methods applied to the sweeping equipment when used as intended and under the conditions foreseen by the manufacturer.

This document does not include carrier vehicles (e.g. trucks). These are covered in national standards or directives for vehicles.

This document does not cover noise emission or any overload protection as these are covered by regulatory requirements.

This document does not apply to:

- cleaning machines for winter maintenance;
- cleaning machines for indoor applications;
- front mounted road cleaning attachments which can be coupled to tractors and other machinery;
- machines or components that are specifically;
- designed for cleaning tram lines and rail tracks;
- industrial sweepers.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 536:2019, *Paper and board — Determination of grammage*

ISO 612:1978, *Road vehicles — Dimensions of motor vehicles and towed vehicles — Terms and definitions*

ISO 10896-1:2020, *Rough-terrain trucks — Safety requirements and verification — Part 1: Variable-reach trucks*

ISO 24147:2023, *Road operation machinery and associated equipment — Sweepers — Commercial specifications*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 24147, ISO 612 and the following apply.

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

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>