
**Oprema za zimska vzdrževalna dela - Cestni vremensko-informacijski sistemi - 3.
del: Zahteve za merjene vrednosti pri stacionarni opremi**

Winter maintenance equipment - Road weather information systems - Part 3:
Requirements on measured values of stationary equipment

Winterdienstausrüstung - Straßenzustands- und Wetterinformationssysteme - Teil 3:
Anforderungen an gemessene Werte der stationären Anlagen

Matériels de viabilité hivernale - Systèmes d'information météorologique routière - Partie
3 : Exigences relatives aux valeurs mesurées par des matériels fixes

Ta slovenski standard je istoveten z: EN 15518-3:2023

SIST EN 15518-3:2024

ICS:

07.060	Geologija. Meteorologija. Hidrologija	Geology. Meteorology. Hydrology
13.030.40	Naprave in oprema za odstranjevanje in obdelavo odpadkov	Installations and equipment for waste disposal and treatment
35.240.99	Uporabniške rešitve IT na drugih področjih	IT applications in other fields

SIST EN 15518-3:2024**en,fr,de**

EUROPEAN STANDARD

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Supersedes EN 15518-3:2011

English Version

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipment

Matériels de viabilité hivernale - Systèmes d'information météorologique routière - Partie 3 : Exigences relatives aux valeurs mesurées par des matériels fixes

Winterdienstausrüstung - Straßenzustands- und Wetterinformationssysteme - Teil 3: Anforderungen an gemessene Werte der stationären Anlagen

This European Standard was approved by CEN on 18 September 2023.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 15518-3:2023) has been prepared by Technical Committee CEN/TC 337 “Road operation equipment and products”, the secretariat of which is held by AFNOR.

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 May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 15518-3:2011.

EN 15518-3:2023 includes the following significant technical changes with respect to EN 15518-3:2011:

- added definition and requirements for:
 - freezing temperature;
 - ice;
 - hoar frost;
 - ice film thickness;
 - snow layer thickness;
- differentiation between embedded and remote (non-invasive) road sensors and specific requirements for:
 - road surface temperature;
 - road surface condition;
 - water film thickness;
 - ice film thickness (only for remote sensors);
 - snow layer thickness (only for remote sensors);
- adaptation of the definition and differentiation between active and passive measurement methods in the requirements for freezing temperature;
- added requirements for:
 - amount of de-icing agent;
 - amount of precipitation;
- adaption of requirements for:
 - road body temperature;

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- air temperature;
- relative humidity;
- precipitation intensity;
- removed requirements for snow height (on and next to the road).

EN 15518, *Winter maintenance equipment — Road weather information systems*, is currently composed with the following parts:

- *Part 1: Global definitions and components;*
- *Part 2: Road weather — Recommended observation and forecast;*
- *Part 3: Requirements on measured values of stationary equipment;*
- *Part 4 (CEN/TS): Test methods for stationary equipment.*

A list of all parts in a series can be found on the CEN website: <https://www.cencenelec.eu/>.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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