



**SLOVENSKI STANDARD**  
**SIST EN 12255-5:2024**

**01-junij-2024**

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**Čistilne naprave za odpadno vodo - 5. del: Lagunski postopki**

Wastewater treatment plants - Part 5: Lagooning processes

Kläranlagen - Teil 5: Abwasserbehandlung in Teichen

Stations d'épuration - Partie 5: Lagunage

**Ta slovenski standard je istoveten z: EN 12255-5:2024**

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**ICS:**

13.060.30 <https://standards.iteh.org/standards/sist/96e9aff5-2024-255a17725f8/sist-en-12255-5-2024> Odpadna voda [SIST EN 12255-5:2024](https://standards.iteh.org/standards/sist/96e9aff5-2024-255a17725f8/sist-en-12255-5-2024) Sewage water

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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English Version

## Wastewater treatment plants - Part 5: Lagooning processes

Stations d'épuration - Partie 5 : Lagunage

Kläranlagen - Teil 5: Abwasserbehandlung in Teichen

This European Standard was approved by CEN on 22 January 2024.

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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 12255-5:2024) has been prepared by Technical Committee CEN/TC 165 “Waste water engineering”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.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 12255-5:1999.

The main changes in comparison with the previous edition EN 12255-5:1999 are:

- a) comprehensive revision and additions in all sections;
- b) adaptation to the current state of the art;
- c) updating of the Normative references;
- d) editorial revision.

It is the fifth part prepared by Working Group CEN/TC 165/WG 40 relating to the general requirements and processes for treatment plants for a total number of inhabitants and population equivalents (PT) over 50. EN 12255 with the generic title *Wastewater treatment plants* consists of the following parts:

- *Part 1: General construction principles*
- *Part 2: Storm water management systems*
- *Part 3: Preliminary treatment*
- *Part 4: Primary settlement*
- *Part 5: Lagooning processes*
- *Part 6: Activated sludge process*
- *Part 7: Biological fixed-film reactors*
- *Part 8: Sludge treatment and storage*
- *Part 9: Odour control and ventilation*
- *Part 10: Safety principles*
- *Part 11: General data required*
- *Part 12: Control and automation*
- *Part 13: Chemical treatment — Treatment of wastewater by precipitation/flocculation*

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- *Part 14: Disinfection*
- *Part 15: Measurement of the oxygen transfer in clean water in aeration tanks of activated sludge plants*
- *Part 16: Physical (mechanical) filtration*

NOTE 1 Part 2 is under preparation.

NOTE 2 For requirements on pumping installations at wastewater treatment plants see EN 752, *Drain and sewer systems outside buildings — Sewer system management* and EN 16932, *Drain and sewer systems outside buildings — Pumping systems*.

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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