

STN P	Stavebné výrobky Posudzovanie uvoľňovania nebezpečných látok Metódy stanovenia N-nitrozamínov vo vzorkách vzduchu získaných podľa EN 16516	STN P CEN/TS 17985
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Construction products: Assessment of release of dangerous substances - Methods for the determination of N-nitrosamines in air samples derived by EN 16516

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/24

Táto predbežná slovenská technická norma je určená na overenie. Prípadné pripomienky pošlite do novembra 2025 Úradu pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky.

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English Version

**Construction products: Assessment of release of
dangerous substances - Methods for the determination of
N-nitrosamines in air samples derived by EN 16516**

Produits de construction : Évaluation de l'émission de
substances dangereuses - Méthodes de détermination
des N-nitrosamines dans des échantillons d'air
prélevés conformément à l'EN 16516

Bauprodukte: Bewertung der Freisetzung gefährlicher
Stoffe - Verfahren zur Bestimmung von N-
Nitrosaminen in Luftproben, die nach EN 16516
gewonnen wurden

This Technical Specification (CEN/TS) was approved by CEN on 25 September 2023 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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

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European foreword

This document (CEN/TS 17985:2023) has been prepared by Technical Committee CEN/TC 351 "Construction products: Assessment of release of dangerous substances", the secretariat of which is held by NEN.

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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.

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CEN/TS 17985:2023 (E)**Introduction**

This document describes a test procedure for the determination of N-nitrosamines in air samples derived by EN 16516:2017+A1:2020 that is able to determine N-nitrosamines at a level of $\leq 0,2 \mu\text{g}/\text{m}^3$.

1 Scope

This document describes a test procedure for sampling, elution, detection, and quantification of N-nitrosamines in air samples derived from a test chamber according to EN 16516:2017+A1:2020. The following N-nitrosamines are covered:

- N-Nitrosodimethylamine, CAS No. 62-75-9,
- N-Nitrosomethylethylamine, CAS No. 10595-95-6,
- N-Nitrosodiethylamine, CAS No. 55-18-5,
- N-Nitrosodipropylamine, CAS No. 621-64-7,
- N-Nitrosodiisopropylamine, CAS No. 601-77-4,
- N-Nitrosodibutylamine, CAS No. 924-16-3,
- N-Nitrosopiperidine, CAS No. 100-75-4,
- N-Nitrosopyrrolidine, CAS No. 930-55-2 and
- N-Nitrosomorpholine, CAS No. 59-89-2.

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.

EN 16516:2017+A1:2020, *Construction products: Assessment of release of dangerous substances — Determination of emissions into indoor air*

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