

Bibliography

- [1] CEN/TS 14405,¹ *Characterization of waste — Leaching behaviour tests — Up-flow percolation test (under specified conditions)*
- [2] CEN/TR 16098, *Construction products: Assessment of release of dangerous substances — Concept of horizontal testing procedures in support of requirements under the CPD*
- [3] CEN/TR 16496, *Construction products: Assessment of release of dangerous substances — Use of harmonised horizontal assessment methods*
- [4] DHI et al. *Robustness validation of TS-2 and TS-3 developed by CEN/TC 351/WG 1 to assess release from products to soil, surface water and groundwater*. DHI in co-operation with VTT, ECN, BAM, Tübingen University, CSTB and INSA, Final report March 2013. Available from www.centc351.org
- [5] GARCÍA-RUIZ S., LINSINGER T., CORDEIRO RAPOSO F., CONNEELY P., EMTEBORG H., HELD A., *Interlaboratory comparison to evaluate the precision of test methods for the assessment of the release of inorganic substances from construction products*. EUR 30071 EN, Publications Office of the European Union, Luxembourg, 2020, ISBN 978-92-76-10226-7, doi:10.2760/288988, JRC119719. Also available from www.centc351.org
- [6] GARCÍA-RUIZ S., LINSINGER T., CONNEELY P., EMTEBORG H., HELD A., *Precision of test methods to assess the release of organic substances from construction products*. EUR 30176 EN, Publications Office of the European Union, Luxembourg, 2020, ISBN 978-92-76-18038-8, doi:10.2760/772446, JRC120500. Also available from www.centc351.org
- [7] EN 15002, *Characterization of waste — Preparation of test portions from the laboratory sample*
- [8] EN 16179, *Sludge, treated biowaste and soil — Guidance for sample pretreatment*
- [9] EN 932-1, *Tests for general properties of aggregates — Part 1: Methods for sampling*
- [10] KRÜGER O., KALBE U., MEIßNER K., SOBOTTKA S., *Sorption effects interfering with the analysis of polycyclic aromatic hydrocarbons (PAH) in aqueous samples*. *Talanta*. 2014, 122 pp. 151–156
- [11] EN 17197, *Construction products: Assessment of release of dangerous substances — Analysis of inorganic substances in eluates and digests — Analysis by inductively coupled plasma optical emission spectrometry (ICP-OES)*
- [12] EN 17200, *Construction products: Assessment of release of dangerous substances — Analysis of inorganic substances in eluates and digests — Analysis by inductively coupled plasma mass emission spectrometry (ICP-MS)*
- [13] NEN 7373, *Leaching characteristics — Determination of the leaching of inorganic components from granular materials with a column test — Solid earthy and stony materials (in Dutch)*

¹ CEN/TS 14405:2004 has been replaced by EN 14405:2017, *Characterization of waste – Leaching behaviour test – Up-flow percolation test (under fixed conditions)*.

- [14] GARRABRANTS, A.C., KOSSON, D.S., DELAPP, R., KARIHER, P., SEIGNETTE, P., VAN DER SLOOT, H.A., STEFANSKI, L., and BALDWIN, M., *Interlaboratory validation of the leaching environmental assessment (LEAF) Method 1314 and Method 1315*. EPA-600/R-12/624, 2012
- [15] KALBE U., BERGER W., SIMON F.G. *Durchführung von Ringversuchen zur Validierung der Normen E DIN 19528 und E DIN 19529*, 2008. Available from <https://opus4.kobv.de/opus4-bam/frontdoor/index/index/docId/35475>
- [16] Mandate M/366, *Horizontal complement to the mandates to CEN/CENELEC concerning the execution of standardisation work for the development of horizontal standardised assessment methods for harmonised approaches relating to dangerous substances under the Construction Products Directive (CPD) – Emission to indoor air, soil, surface water and ground water*. European Commission, 2005. Available from www.cen351.org
- [17] EN 12457 (all parts), *Characterisation of waste — Leaching — Compliance test for leaching of granular waste materials and sludges*
- [18] EN 13285:2018, *Unbound mixtures — Specifications*
- [19] EN 16637-2:2023, *Construction products: Assessment of release of dangerous substances — Part 2: Horizontal dynamic surface leaching test*
- [20] AALBERS Th.G., DE WILDE P.G.M., ROOD G.A., VERMIJ P.H.M., SAFT R.J., VAN DE BEEK A.I.M. et al. *Environmental quality of primary and secondary construction materials in relation to re-use and protection of soil and surface water*. RIVM-report no.: 771402007. National Institute of Public Health and Environmental Protection, The Netherlands, 1996
- [21] GEURTS R., SPOOREN J., QUAGHEBEUR M., BROOS K., KENIS C., DEBAENE L. *Round robin testing of a percolation column leaching procedure*. In: *Waste Management* 55 (2016) pp. 31-37
- [22] DHI et al. *Additional robustness testing on TS-3 (CEN/TC 351/WG 1)*. DHI in co-operation with BAM and ECN, Final report July 2014 (Rev. 2015). Available from www.cen351.org
- [23] EN 16171, *Sludge, treated biowaste and soil — Determination of elements using inductively coupled plasma mass spectrometry (ICP-MS)*
- [24] EN 16170, *Sludge, treated biowaste and soil — Determination of elements using inductively coupled plasma optical emission spectrometry (ICP-OES)*
- [25] CEN/TR 16192, *Waste — Guidance on analysis of eluates*
- [26] EN ISO 21268-3, *Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 3: Up-flow percolation test (ISO 21268-3)*
- [27] DIN 19528, *Leaching of solid materials — Percolation method for the joint examination of the leaching behaviour of inorganic and organic substances*
- [28] EN 17516, *Waste — Characterization of granular solids with potential for use as construction material — Compliance leaching test — Up-flow percolation test*
- [29] ISO 7027-1, *Water quality — Determination of turbidity — Part 1: Quantitative methods*