

SVENSK STANDARD

SS-EN 14212:2012/AC:2014



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Utomhusluft – Standardmetod för mätning av koncentrationen av svaveldioxid med ultraviolett fluorescens

Ambient air – Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

This preview is downloaded from www.sis.se. Buy the entire standard via <https://www.sis.se/std-102018>

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The European Standard EN 14212:2012/AC:2014 has the status of a Swedish Standard. This document contains the official English version of EN 14212:2012/AC:2014.

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Standarden är framtagen av kommittén för Utomhusluft, SIS/TK 423/AG 4.

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EUROPEAN STANDARD

EN 14212:2012/AC

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2014

ICS 13.040.20

English version

Ambient air - Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

Air ambiant - Méthode normalisée pour le mesurage de la concentration en dioxyde de soufre par fluorescence U.V.

Außenluft - Messverfahren zur Bestimmung der Konzentration von Schwefeldioxid mit Ultraviolett-Fluoreszenz

This corrigendum becomes effective on 16 April 2014 for incorporation in the official English and French versions of the EN.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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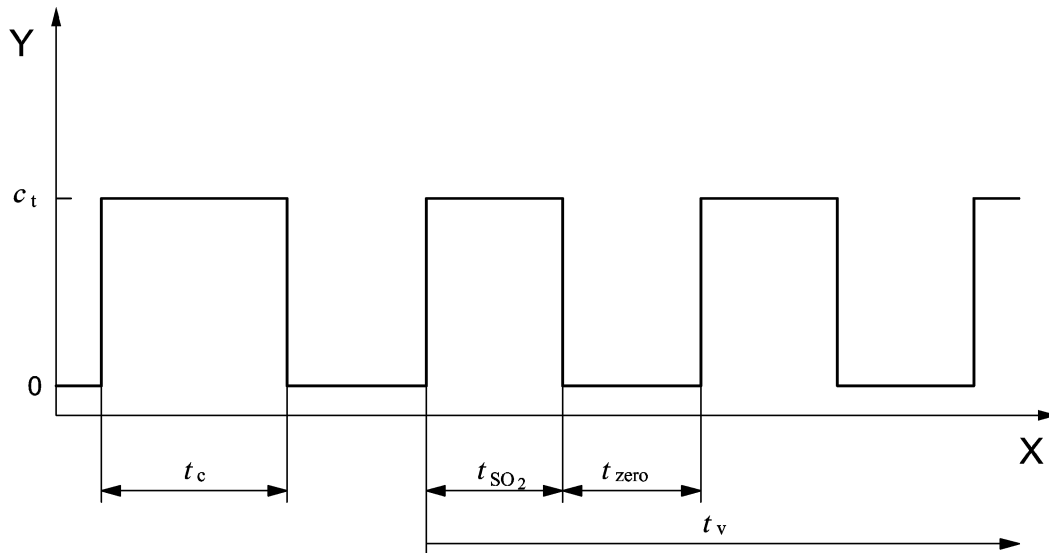
CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

SS-EN 14212:2012/AC:2014 (E)

1 Modification to 8.4.12, Averaging test

Replace Figure 2 itself with the following figure:

"



"

2 Modification to E.2, Type approval Requirement a)

In Table E.1, in the rows "Short term drift at zero" (No. 13) and "Short term drift at span level" (No. 14), replace "D_{l,z}" and "D_{l,s}" respectively with "D_{s,z}" and "D_{s,s}".

3 Modification to G.2, Combined standard uncertainty

In Equation (G.3) and its related key, replace twice "l_h" with "l_d".

4 Modification to H.3, Standard uncertainties

Replace Equation (H.21) and its related key with the following:

"

$$u_{r,f,la} = \frac{s_{r,f} \cdot l_a}{100 \cdot \sqrt{n_a}} \quad (H.21)$$

where

- $u_{r,f,la}$ is the standard uncertainty at the annual critical level due to reproducibility under field conditions, in nmol/mol;
- n_a is the number of valid hourly measurements in the year ($\geq 7\ 884$);
- $s_{r,f}$ is the reproducibility standard deviation for SO₂ from the field test, in %;
- l_a is the annual critical level of sulfur dioxide, in nmol/mol.

"

Anteckningar/Notes



