EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14212:2012/AC

April 2014
Avril 2014
April 2014

ICS 13.040.20

English version
Version Française
Deutsche Fassung

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.

Ce corrigendum prendra effet le 16 avril 2014 pour incorporation dans les versions officielles anglaise et française de la EN.

Die Berichtigung tritt am 16. April 2014 zur Einarbeitung in die offizielle Englische und Französische Fassung der EN in Kraft.

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

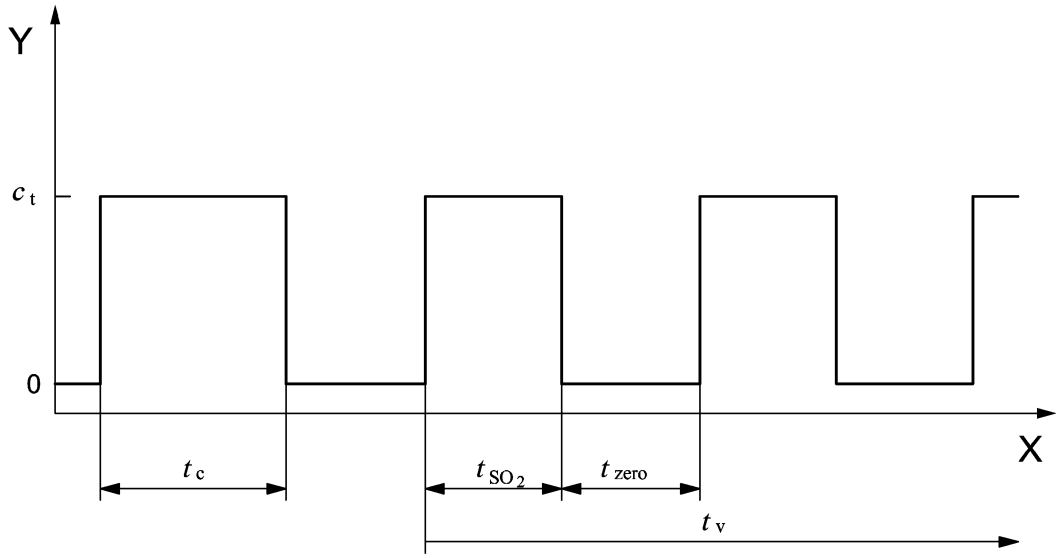
CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No.:EN 14212:2012/AC:2014 E/F

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:

"

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

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 (≥ 7 884);

$s_{r,f}$ is the reproducibility standard deviation for SO_2 from the field test, in %;

l_a is the annual critical level of sulfur dioxide, in nmol/mol.

".