

STN	Uzamykanie reagujúce na alkohol. Skúšobné metódy a požiadavky na funkčné vlastnosti. Časť 2: Prístroje s náustkom na meranie alkoholu v dychu na všeobecné preventívne použitie.	STN EN 50436-2 30 4010
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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. 08/14

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English version

**Alcohol interlocks -
Test methods and performance requirements -
Part 2: Instruments having a mouthpiece and measuring breath alcohol
for general preventive use**

Ethylotests anti-démarrage -
Méthodes d'essais et exigences de
performance -
Partie 2: Appareils équipés d'un embout
et mesurant le taux d'alcoolémie de l'air
expiré, à usage préventif général

Alkohol-Interlocks -
Prüfverfahren und Anforderungen an das
Betriebsverhalten -
Teil 2: Geräte mit Mundstück zur Messung
des Atemalkohols für den allgemein-
präventiven Einsatz

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 50436-2:2014) has been prepared by CLC/BTTF 116-2 "Alcohol interlocks".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-10-21
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-10-21

This document supersedes EN 50436-2:2007.

EN 50436-2:2014 includes the following significant technical changes with respect to EN 50436-2:2007:

- EN 50436-1 is now the basic standard and EN 50436-2 describes only the differences in the requirements compared to EN 50436-1.
- Several of the changes in EN 50436-1 have already been part of EN 50436-2:2007.
- Sub-clause 4.7: statements for download and evaluation of the data memory are revised.
- Sub-clause 9.3: the temperature test is revised.

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Introduction

The purpose of alcohol interlocks is to enhance traffic safety by preventing persons with alcohol concentrations exceeding a set limit value from driving a motor vehicle. EN 50436 series specifies test methods and essential performance requirements for alcohol interlocks and gives guidance for decision makers, purchasers and users.

The content and requirements of EN 50436-1 are based on the experience and necessities of drink driving offender programmes in different countries over several decades. Therefore, alcohol interlocks used in programmes for drink driving offenders should comply with the above European Standard. Part 1 is the principal document in EN 50436 series.

Alcohol interlocks for general preventive use are the subject of this part of EN 50436. General preventive use, which concerns a much larger number of drivers and vehicles, applies to both professional and private drivers of motor vehicles.

The purpose of EN 50436 series is to specify essential performance requirements and to provide the respective test methods for available technologies. The technology of alcohol interlocks continues to evolve, and further innovations can be expected. These could be considered in new parts or revisions of this European Standard.

1 Scope

This European Standard specifies test methods and performance requirements for breath alcohol controlled alcohol interlocks having a mouthpiece. It covers alcohol interlocks intended for general preventive use.

This European Standard is directed at test laboratories and manufacturers of alcohol interlocks. It defines requirements and test procedures for type testing.

Several parameters (for example alcohol concentration or breath volume) are specified in this European Standard for the purpose of type testing according to this standard only. However, it may be necessary due to national regulations or depending on user requests to set the values of the prescribed parameters differently when the alcohol interlocks are in use.

This European Standard also applies to alcohol interlocks integrated into other control systems of the vehicle as well as to accessory devices connected to the alcohol interlock.

This European Standard does not apply to

- alcohol interlocks intended for use in traffic safety programmes for drink driving offenders (see EN 50436-1),
- instruments measuring the alcohol concentration in the ambient air in the vehicle,
- alcohol interlocks not having a mouthpiece,
- methods of installation and connections to the vehicle.

2 Normative references

This clause of EN 50436-1 is applicable excepted as follows:

Add the following after the 1st paragraph:

EN 50436-1, *Alcohol interlocks - Test methods and performance requirements - Part 1: Instruments for drink driving offender programmes*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN