SLOVENSKI STANDARD
SIST EN ISO 13736:2021/oprA1:2022

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Določanje plamenišča - Metoda z zaprto posodo po Abelu - Dopolnilo 1: Posodobitev izjave o pristranskosti (ISO 13736:2021/DAM 1:2022)

Determination of flash point - Abel closed-cup method - Amendment 1: bias statement update (ISO 13736:2021/DAM 1:2022)

Bestimmung des Flammpunktes - Verfahren mit geschlossenem Tiegel nach Abel - Änderung 1: Aktualisierung der Erklärung für systematische Messabweichungen (ISO 13736:2021/DAM 1:2022)

Détermination du point d'éclair - Méthode Abel en vase clos - Amendement 1: révision de l'énoncé de biais (ISO 13736:2021/DAM 1:2022)

Ta slovenski standard je istoveten z: **EN ISO 13736:2021/prA1**

ICS:

75.080	Naftni proizvodi na splošno	Petroleum products in general

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DRAFT AMENDMENT
ISO 13736:2021/DAM 1

ISO/TC **28** Secretariat: **NEN**

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Determination of flash point — Abel closed-cup method

AMENDMENT 1: bias statement update

Détermination du point d'éclair — Méthode Abel en vase clos

AMENDEMENT 1: revision de l'énonce bias

ICS: 75.080

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This document was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 19, *Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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Determination of flash point — Abel closed-cup method

AMENDMENT 1: bias statement update

Sub-clause 13.1

Replace the 2nd and 3rd paragraph:

A comparison of precision values between manual apparatus, automated apparatus with gas ignition, and automated apparatus with electric ignition indicated that there was no real difference between the reproducibility estimates. However, repeatability for automated apparatus with electric ignition was found to be slightly greater than in Formula (2). For practical purposes, this difference shall be ignored as it is significantly less than the repeatability of the method.

The evaluation of the degree of agreement between the different apparatus types was performed in accordance with ASTM D6708[14]. No relative bias was found between automated apparatus using gas ignition sources and that using electric ignition sources. However, a small relative bias was evident between manual and automated. For practical purposes this relative bias shall be ignored as it is significantly less than the repeatability of the method.

by:

The interlaboratory test analysis concluded that a single repeatability and a single reproducibility are appropriate to be used for manual and automated (gas and electric ignitors) apparatus; an F-Test at 95% confidence confirmed that there is no statistically significant difference in precision between the manual and automated apparatus.