SLOVENSKI STANDARD
SIST EN ISO 4259-1:2018/oprA2:2020

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Nafta in sorodni proizvodi - Natančnost merilnih metod in rezultatov - 1. del: Določevanje natančnosti preskusnih metod - Dopolnilo 2 (ISO 4259-1:2017/DAM 2:2020)

Petroleum and related products - Precision of measurement methods and results - Part 1:Determination of precision data in relation to methods of test - AMENDMENT 2 (ISO 4259-1:2017/DAM 2:2020)

Mineralölerzeugnisse - Präzision von Messverfahren und Ergebnissen - Teil 1: Bestimmung der Präzisionsdaten von Prüfverfahren - ÄNDERUNG 2 (ISO 4259-1:2017/DAM 2:2020)

Produits pétroliers - Fidélité des méthodes de mesure et des résultats - Partie 1: Détermination des valeurs de fidélité relatives aux méthodes d'essai - AMENDEMENT 2 (ISO 4259-1:2017/DAM 2:2020)

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ICS:

75.080	Naftni proizvodi na splošno	Petroleum products in general
75.180.30	Oprema za merjenje prostornine in merjenje	Volumetric equipment and measurements

SIST EN ISO 4259-1:2018/oprA2:2020 **en,fr,de**

DRAFT AMENDMENT

ISO 4259-1:2017/DAM 2

ISO/TC **28**

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Petroleum and related products — Precision of measurement methods and results —

Part 1:
Determination of precision data in relation to methods of test

AMENDMENT 2

ICS: 75.080

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This document was prepared by Technical Committee ISO/TC 28, *Petroleum and related products, fuels and lubricants from natural or synthetic sources.*

This document amends the first edition of ISO 4259-1, following unclarities in the field around the expression on precision to be used in test methods.

A list of all parts in the ISO 4259 series can be found on the ISO website.

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Petroleum and related products — Precision of measurement methods and results —

Part 1: Determination of precision data in relation to methods of test

AMENDMENT 2

3.18 repeatability

Add an alternative term: "repeatability limit",

and replace the definition

"limiting value for the difference between two independent results obtained in the normal and correct operation of the same method, for test material considered to be the same, within a short interval of time, under the same test conditions, that is expected to be exceeded with a probability of 5% due to random variation"

with:

"quantitative expression for the random error associated with the difference between two independent results obtained under repeatability conditions in the normal and correct operation of the same method, that is expected to be exceeded with an approximate probability of 5%",

and remove the Note 1 to entry: "Same test conditions are to be considered as same operator, same apparatus, same calibration and same laboratory" *and renumber the other notes.*

New term on repeatability conditions

Add:

"**3.19**

repeatability conditions

conditions where independent test results are obtained using the same method for test material considered to be the same in the same laboratory by the same operator using the same equipment within short intervals of time"

3.19 reproducibility

Add an alternative term: "reproducibility limit",

and replace the definition:

"limiting value for the difference between two independent results obtained in the normal and correct operation of the same method, for test material considered to be the same, under different test conditions, that is expected to be exceeded with a probability of 5 % due to random variation"

with:

"quantitative expression for the random error associated with the difference between two independent results obtained under reproducibility conditions in the normal and correct operation of the same method, that is expected to be exceeded with an approximate probability of 5 %",

and remove the Note 1 to entry: "Same test conditions are to be considered as same operator, same apparatus, same calibration and same laboratory" *and renumber the remaining note.*

New term on reproducibility conditions

Add:

"**3.21**

reproducibility conditions

conditions where independent test results are obtained using the same method for test material considered to be the same in different laboratories, where different laboratory means a different operator, different equipment, different geographic location, and under different supervisory control"

6.4.1

Replace immediately under X.2 Repeatability

"The difference between two independent results obtained in the normal and correct operation of the same method, for test material considered to be the same, within a short interval of time, under the same test conditions, that is expected to be exceeded with a probability of 5 % due to random variation, can be calculated using the following function:"

with:

"The difference between two independent results obtained using this method for test material considered to be the same in the same laboratory, by the same operator using the same equipment within short intervals of time, in the normal and correct operation of the method that is expected to be exceeded with a probability of 5 % due to random variation, can be calculated using the following function:"

Replace immediately under X.3 Reproducibility

"The difference between two independent results obtained in the normal and correct operation of the same method, for test material considered to be the same, under different test conditions, that is expected to be exceeded with a probability of 5 % due to random variation, can be calculated using the following function:"

with:

"The difference between two independent results obtained using this method for test material considered to be the same in different laboratories, where different laboratory means a different operator, different equipment, different geographic location, and under different supervisory control, in the normal and correct operation of the that is expected to be exceeded with a probability of 5 % due to random variation, can be calculated using the following function:"