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

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

AMENDMENT 2

*Produits pétroliers et connexes — Fidélité des méthodes de mesure et
de leurs résultats —*

*Partie 1: Détermination des valeurs de fidélité relatives aux
méthodes d'essai*

AMENDEMENT 2

PROOF/ÉPREUVE



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Part 1:

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3.18

Add the alternative term "repeatability limit" and replace the definition with the following:

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 %

Delete Note 1 to entry and renumber the other notes.

Clause 3, new term on repeatability conditions

Add the following term at the end of 3.18:

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

Renumber the subsequent terms accordingly.

3.19 (or the newly renumbered 3.20)

Add the alternative term "reproducibility limit" and replace the definition with the following:

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 %

Remove Note 1 to entry and renumber the remaining note.

Clause 3, new term on reproducibility conditions

Add the following term at the end of the new 3.20:

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 the paragraph under X.2 with the following:

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 an approximate probability of 5 % due to random variation, can be calculated using the following function:

Replace the paragraph under X.3 with the following:

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 method that is expected to be exceeded with an approximate probability of 5 % due to random variation, can be calculated using the following function:

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