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AMENDMENT 1
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Mechanical vibration — Rotor balancing —

Part 14: Procedures for assessing balance errors

AMENDMENT 1

Vibrations mécaniques — Équilibrage des rotors —

Partie 14: Modes opératoires d'évaluation des erreurs d'équilibrage

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

A list of all parts in the ISO 21940 series can be found on the ISO website.

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Mechanical vibration — Rotor balancing —

Part 14: Procedures for assessing balance errors

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Clause 2

Add the following reference:

"ISO 21940-11:2016, *Mechanical vibration — Rotor balancing — Part 11: Procedures and tolerances for rotors with rigid behaviour*"

Replace the footnotes with the following:

[11]This document is withdrawn and replaced by ISO 21940-2.

[12]This document is withdrawn and replaced by ISO 21940-11.

[13]This document is withdrawn and replaced by ISO 21940-12.

Clause 6

Replace the 3rd paragraph with the following:

Formula (3) is based upon the assumption that all of the uncorrected errors fall in the same angular direction and that their absolute numeric values should be summed.

Clause 7

Replace this clause with the following:

7 Accounting for measurement errors in the balance quality verification process

Such an assessment of an unbalance measurement requires consideration of these identified errors in order to decide whether an unbalance tolerance is met. Such an assessment shall be carried out in accordance with ISO 21940-11:2016, Clause 10.

Whether this comparison results in acceptance of the rotor's state of unbalance shall be agreed upon between the parties involved and is not a matter of standardization.