INTERNATIONAL STANDARD

ISO 28927-4

First edition 2010-12-15 **AMENDMENT 1** 2017-07

Hand-held portable power tools — Test methods for evaluation of vibration emission —

Part 4: **Straight grinders**

iTeh STAMENDMENTE Cupped wire brushes

S Machines à moteur portatives — Méthodes d'essai pour l'évaluation de l'émission de vibrations —

ISO 28927-4:2010/Amd 1:2017 Partie 4- Meuleuses droites https://standards.iteh.a/catalog/standards/sist/509c24d6-b8aa-4c99-8810

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This document was prepared by Technical Committee ISO/TC 118, *Compressors and pneumatic tools, machines and equipment*, Subcommittee SC 3, *Pneumatic tools and machines*.

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Hand-held portable power tools — Test methods for evaluation of vibration emission —

Part 4:

Straight grinders

AMENDMENT 1: Cupped wire brushes

Page vi, Introduction

Add the following sentence at the end of paragraph 7:

"For grinders that are intended to be used with cupped wire-brushes, the vibration value is obtained by using a correction factor of 1,6."

Page 1, Scope

In the first sentence in paragraph 2, add:

"and with wire brushes" after "19 (cylindrical plug, taper-roll shaped)"

Change the last sentence in paragraph 2 to: ards.iteh.ai)

"It is not applicable to die grinders where the inserted tool is mounted in a collet"

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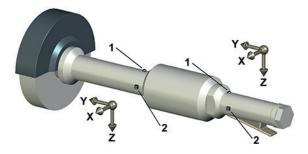
Page 3, Clause 5 https://standards.iteh.ai/catalog/standards/sist/509c24d6-b8aa-4c99-8810-

Add the following NOTE after paragraph 1:

"NOTE This document only covers wheel dimensions included in ISO 603-14. For other wheel dimensions, use ISO 20643."

Page 4, Figure 4

Replace the existing Figure 4 with the following:



and change the figure's title to read:

"Figure 4 — Measurement locations — Straight grinder with type 1 wheel"

Page 4, Figure 5

Change the figure's title to read:

"Figure 5 — Measurement locations — Straight grinder with type 18R cylindrical plug"

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Page 5, Figure 6

Change the figure's title to read:

"Figure 6 — Measurement locations — Extended straight grinder with type 18R cylindrical plug"

Page 8, Second last paragraph of 8.4.1

Add the following after the existing sentence:

"For tools equipped with abrasives not included in Table 1, testing shall be made according to ISO 20643."

Page 11, subclause 9.2

Add the following at the end of the last paragraph:

(see ISO/TR 27609).

Page 11, subclause 9.3

Add the following new sublclause 9.3 after subclause 9.2:

9.3 Correction factor

For grinders that are intended to be used with cupped wire-brushes, the corresponding declared value $a_{\text{hd. brush}}$ shall be given, where $a_{\text{hd. brush}}$ is obtained by multiplying a_{hd} by a factor of 1,6.

Page 23, Bibliography

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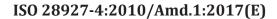
Add the following reference as number [1] and renumber the existing ones: $\underline{ISO\ 28927-42010/Amd\ 1:2017}$

[1] ISO 603-14, Bonded abrasive products a leading ensions six Part 2146 Grinding wheels for deburring and fettling/snagging on an angle grinder f0521d9afcaa/iso-28927-4-2010-amd-1-2017

and add this reference at the end:

[6] Hand-Arm Vibration Technical Report. Available at: http://www.burrtec.co.jp/havs/content.html

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