SLOVENSKI STANDARD
SIST EN ISO 3164:2014/oprA1:2021

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Stroji za zemeljska dela - Laboratorijsko ovrednotenje zaščite - Mejno področje deformacije - Dopolnilo A1 (ISO 3164:2013/DAM 1:2020)

Earth-moving machinery - Laboratory evaluations of protective structures - Specifications for deflection-limiting volume - Amendment 1 (ISO 3164:2013/DAM 1:2020)

Erdbaumaschinen - Prüfung von Schutzaufbauten - Verformungsgrenzbereich - Änderung 1 (ISO 3164:2013/DAM 1:2020)

Engins de terrassement - Étude en laboratoire des structures de protection - Spécifications pour le volume limite de déformation - Amendement 1 (ISO 3164:2013/DAM 1:2020)

Ta slovenski standard je istoveten z: **EN ISO 3164:2013/prA1**

ICS:

53.100	Stroji za zemeljska dela	Earth-moving machinery

SIST EN ISO 3164:2014/oprA1:2021 **en,fr,de**

DRAFT AMENDMENT

ISO 3164:2013/DAM 1

ISO/TC **127**/SC **2** Secretariat: **ANSI**

Voting begins on: **2021-01-01**

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Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume

AMENDMENT 1

Engins de terrassement — Étude en laboratoire des structures de protection — Spécifications pour le volume limite de déformation

AMENDEMENT 1

ICS: 53.100

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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This document was prepared by Technical Committee ISO/TC 127, Earth-moving machinery, Subcommittee SC 2, Safety, ergonomics and general requirements.

The main changes compared to the previous edition are as follows:

— Clarification was provided that rotation of the DLV during testing is to be in accordance with the requirements of the applicable TOPS and ROPS test document.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume

AMENDMENT 1

Page 2, 4.4

Replace the paragraph with the following:

During TOPS and ROPS testing, rotation of the DLV shall be in accordance with the requirements of the applicable TOPS and ROPS test document (e.g. ISO 3471:2008, ISO 12117:1997/ Cor 1:2000, ISO 12117-2:2008/Amd 1:2016, ISO 13459:2012). If allowed during lateral loading for TOPS and ROPS testing, it is permissible for the upper portion of the DLV to be rotated laterally about the SIP up to 15° (see Table 1). If allowed during longitudinal loading for TOPS and ROPS testing, it is permissible for the upper portion of the DLV to be rotated forwards about the LA up to 15°. See the examples given in Figure 4. The portion below the SIP of the DLV does not rotate. If there is interference with any machine component, rotation of the DLV shall be limited to the angle at which the interference occurs.

Bibliography

Add Bibliography with the following:

Bibliography

[1] ISO 3471:2008, *Earth-moving machinery — Roll-over protective structures — Laboratory tests and performance requirements*

[2] ISO 12117:1997/ Cor 1:2000, *Earth-moving machinery — Tip-over protection structure (TOPS) for compact excavators — Laboratory tests and performance requirements*

[3] ISO 12117-2:2008/Amd 1:2016, *Earth-moving machinery — Laboratory tests and performance requirements for protective structures of excavators — Part 2: Roll-over protective structures (ROPS) for excavators of over 6 t — Amendment 1*

[4] ISO 13459:2012, *Earth-moving machinery — Trainer seat — Deflection limiting volume, space envelope and performance requirements*