### INTERNATIONAL STANDARD

ISO 14397-1

> Second edition 2007-09-15 **AMENDMENT 1** 2019-08

### Earth-moving machinery — Loaders and backhoe loaders —

Part 1:

Calculation of rated operating capacity and test method for verifying calculated tipping load iTeh STANDARD PREVIEW

(stamenoment 1i)

Engins de terrassement — Chargeuses et chargeuses-pelleteuses —

https://standards.iteh.Pantie 1/s Calcul de la charge utile nominale et méthode d'essai pour 8c3cb84vérifier la charge de basculement calculée

AMENDEMENT 1



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ISO 14397-1:2007/Amd 1:2019 https://standards.iteh.ai/catalog/standards/sist/56e72766-54ff-442e-a0c5-8c3cb84b58b1/iso-14397-1-2007-amd-1-2019



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This document was prepared by Technical Committee ISO/TC 127, Earth-moving machinery, Subcommittee SC 1, Test methods relating to safety and machine performance.

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### Earth-moving machinery — Loaders and backhoe loaders —

### Part 1:

## Calculation of rated operating capacity and test method for verifying calculated tipping load

#### **AMENDMENT 1**

5.1

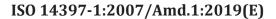
Replace <u>Table 1</u> with the following.

**Table 1** — Stability factor, k

Application	Ground condition	Wheeled A loader <sup>a</sup> R l	Crawler loader	Wheeled loader with skid steering
Bucket	All	0,50	0,35	0,50
Fork	Rough terrain		0,35	0,50
	Firm and level ground	0,80	0,35	0,50

NOTE Derivative use of wheel or crawler loaders requires a risk assessment to determine the k factor that will assure stable operation. See example in Annex A. Assessment to determine the k factor that will assure stable operation. See example in Annex A. Assessment to determine the k factor that will assure stable operation. See example in Annex A. Assessment to determine the k factor that will assure stable operation. See example in Annex A. Assessment to determine the k factor that will assure stable operation.

All wheeled loaders except loaders with skid steering.



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