AS ISO 9248:2021
ISO 9248:1992

Australian STANDARD®

STANDARDS Australia

Earth-moving machinery — Units for dimensions, performance and capacities, and their measurement accuracies



AS ISO 9248:2021

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Better Regulation Division — SafeWork NSW
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Department of Regional NSW
Engineers Australia
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Preface

This Standard was prepared by the Standards Australia Committee ME-063, Earthmoving Equipment.

The objective of this document is to specify basic units, symbols and tolerances for the measurements of general machine dimensions, performance and capacities of earth-moving machinery as defined in ISO 6165. It does not cover methods and instrumentation to be used.

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Foreword

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International Standard ISO 9248 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery,* Sub-Committee SC 1, *Test methodsrelating to machine performance.*

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Australian Standard®

Earth-moving machinery — Units for dimensions, performance and capacities, and their measurement accuracies

1 Scope

This International Standard specifies basic units, symbols and tolerances for the measurements of general machine dimensions, performance and capacities of earth-moving machinery as defined in ISO 6165.

It does not cover methods and instrumentation to be used.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.Members of IEC and ISO maintain registers of currently valid tnternationat Standards.

ISO 6165:1987, *Earth-moving machinery — Basic types — Vocabulary.*

3 Units

Basic and derived units for earth-moving machinery shall be as specified in table 1.

4 Accuracy

The accuracy of measurements shall be within the tolerances specified in table 1.

5 Rounding off

The rounding off of measurement results shall be done by adding or subtracting numerical values compatible with the specified tolerance.

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