

Australian Standard™

**Internal combustion engines—
Performance**

**Part 4: Engines for land, rail-traction
and marine use—Speed governing**

[ISO title: Reciprocating internal combustion engines—Performance,
Part 4: Speed governing]

This Australian Standard was prepared by Committee ME/20, Internal Combustion Engines. It was approved on behalf of the Council of Standards Australia on 30 June 1999 and published on 5 August 1999.

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Australian Automotive Aftermarket Association
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This Standard was issued in draft form for comment as DR 99061.

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Originated as part of AS B215—1966.
Final edition AS 2789.4—1985.
Revised and redesignated AS 4594.4—1999.

Published by Standards Australia
(Standards Association of Australia)
1 The Crescent, Homebush, NSW 2140

ISBN 0 7337 2846 4

AUSTRALIAN STANDARD

Internal combustion engines—Performance

Part 4:

Engines for land, rail-traction and marine use—Speed governing

1 Scope

This part of ISO 3046 establishes a classification for the requirements and parameters of speed-governing systems and specifies terms and definitions of typical engine speeds for reciprocating internal combustion (RIC) engines. Where necessary, individual requirements may be given for particular engine applications.

This part of ISO 3046 applies to RIC engines for land, rail-traction and marine use, excluding engines used to propel road construction and earth-moving machines, agricultural and industrial types of tractors, road vehicles and aircraft. Also excluded are self-governing engines and those engines requiring only maximum speed or maximum fuel delivery limitation.

This part of ISO 3046 defines requirements for compression-ignition engines (diesel engines). For spark-ignition engines and dual fuel engines special requirements may apply.

NOTES

1 Performance and parameters for speed-governing systems applied in RIC engine driven generating sets are specified in parts 2 and 5 of ISO 8528.

2 Terms and definitions of typical engine speeds in connection with overspeed protection devices are specified in ISO 3046-6.

2 Normative references

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 3046. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 3046 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 International Standards.

ISO 7067-1 (— 1), *Reciprocating internal combustion engines — Vocabulary of components and systems — Part 7: Governing systems*.

(1) To be published.