

Australian Standard™

**Internal combustion engines—  
Performance**

**Part 3: Engines for land, rail-traction  
and marine use—Test measurements**

[ISO title: Reciprocating internal combustion engines—Performance,  
Part 3: Test measurements]

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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The following interests are represented on Committee ME/20:

Australian Automobile Association  
Australian Automotive Aftermarket Association  
Australian Industry Group  
Australian Institute of Petroleum  
Construction & Mining Equipment Association of Australia  
Electricity Supply Association of Australia  
Environment Australia  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/20, Internal Combustion Engines to supersede AS 2789.3—1985. It is identical with and has been reproduced from ISO 3046-3:1989, *Reciprocating internal combustion engines—Performance, Part 3: Test measurements*.

This Standard is the result of a consensus among the representatives on the Joint Committee to produce it as an Australian Standard.

The Standards in the series are as follows:

## AS

4594	Internal combustion engines—Performance
4594.0	Part 0: Application
4594.1	Part 1: Standard reference conditions, declarations of power, fuel and lubricating oil consumptions, and test methods
4594.3	Part 3: Engines for land, rail-traction and marine use—Test measurements (this Standard)
4594.4	Part 4: Engines for land, rail-traction and marine use—Speed governing
4594.5	Part 5: Engines for land, rail-traction and marine use—Torsional vibrations
4594.6	Part 6: Engines for land, rail-traction and marine use—Overspeed protection
4594.7	Part 7: Engines for land, rail-traction and marine use—Codes for engine power
4594.8	Part 8: Engines for road vehicle use—Test code, net power
4594.9	Part 9: Engines for road vehicle use—Test code, gross power
4594.10	Part 10: Engines for agricultural tractor and machine use—Test code, net power
4594.11	Part 11: Engines for motorcycle use—Test code, net power

An application Standard, AS 4594.0, has been produced to be read in conjunction with these Standards to indicate inconsistencies within the adopted ISO Standards.

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- (c) *Cross-references* The reference to International Standards should be replaced by references to Australian Standards as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO	AS
2710 Reciprocating internal combustion engines—Vocabulary	—

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