

Australian Standard[®]

**Carbon and low alloy steel—
Measurement of decarburization**

This Australian Standard was prepared by Committee MT/8, Metallography. It was approved on behalf of the Council of Standards Australia on 9 May 1991 and published on 12 July 1991.

The following interests are represented on Committee MT/8:

Australian Chamber of Manufactures
Bureau of Steel Manufacturers of Australia
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OF

AS 2003—1991

Carbon and low alloy steel—Measurement of decarburization

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PREFACE

This Standard was prepared by the Standards Australia Committee on Metallography, to supersede AS 2003—1977, *Methods for the measurement of decarburization in carbon and low alloy steels*. This Standard is one of a series relating to the use of micrographic, macrographic, chemical and hardness procedures for the measurement of case depth and decarburization in steel products. Others in the series are as follows:

- AS 1982 *Methods for the measurement of case depth in steels.*
- 2028 *Methods for the measurement of the depth of hardening in flame and induction hardened steel products.*

This Standard has been revised to include minor alterations to the micrographic and the hardness traverse test procedures to clarify the criteria for determining the limit of decarburization. An appendix has been added giving advice on the grinding and polishing of test specimens.

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