

Australian Standard™

Coal preparation

Part 6: Determination of dust/moisture relationship for coal



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Australian Coal Association
Australian Coal Preparation Society
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This Standard was issued in draft form for comment as DR 98232.

STANDARDS AUSTRALIA

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OF

AS 4156.6—2000

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NOTES

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First published as AS 4156.6—2000.

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Published by Standards Australia International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia
ISBN 0 7337 3461 8

PREFACE

This Standard was prepared by the Standards Australia Committee MN/1, Coal and Coke and is based on the Rio Tinto Research and Technology Development* Tumbler Dust Test as an alternative to ASTM D 441.

The objective of this Standard is to provide a comprehensive procedure that will allow determination of the dustiness of coal with respect to moisture and determine a dust extinction moisture (DEM), and evaluation of chemical for dust suppression.

The procedures shown in this Standard are based on a standard air flow. However, it is also possible to determine dust extinction moisture (DEM) values at other flow rates using the equipment described provided the actual air flow rates are recorded with the results.

The term 'informative' has been used in this Standard to define the application of the Appendix to which it applies. An informative appendix is for guidance and information only.

* Rio Tinto Research and Technology Development is a unit of Rio Tinto Technology Group Legal Entity Technological Resources Pty Ltd ACN 002 183 557.

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