Australian/New Zealand Standard™

Methods for sampling and analysis of ambient air

Part 1.1: Guide to siting air monitoring equipment





AS/NZS 3580.1.1:2016

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EV-007, Methods for Examination of Air. It was approved on behalf of the Council of Standards Australia on 11 April 2016 and by the Standards New Zealand Approval Board on 20 April 2016.

This Standard was published on 6 April 2016.

The following are represented on Committee EV-007:

Australian Aluminium Council
Australian Bureau of Meteorology
Australian Industry Group
Clean Air Society of Australia and New Zealand
CSIRO
Department of Environment Regulation, WA
Department of Science, Information Technology and Innovation, Qld
Environment Canterbury
Environment Protection Authority, Vic.
Ministry for the Environment, New Zealand
National Association of Testing Authorities, Australia
Office of Environment and Heritage

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.saiglobal.com or Standards New Zealand web site at www.standards.govt.nz and looking up the relevant Standard in the online catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of Standards Australia or the New Zealand Standards Executive at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS/NZS 3580.1.1:2015.

AS/NZS 3580.1.1:2016

Australian/New Zealand Standard™

Methods for sampling and analysis of ambient air

Part 1.1: Guide to siting air monitoring equipment

Originated in Australia as AS 2922—1987.
Originated in New Zealand as AS/NZS 3580.1.1:2007.
Second edition 2016.

COPYRIGHT

© Standards Australia Limited/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, PO Box 10729, Wellington 6011.

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EV-007, Methods for Examination of Air, to supersede AS/NZS 3580.1.1:2007 *Guide to siting air monitoring equipment*.

The objective of this Standard is to provide users with a methodology for siting ambient air monitoring equipment. The objective of this revision is to update the Standard according to current practices.

During the preparation of this Standard, the Committee again paid attention to the work of the United States Environment Protection Agency (US EPA), particularly their 'Guideline Series' on air monitoring. Some of the material in this Standard is derived from the USA Code of Federal Regulations, Title 40, Part 58, of the Code of Federal Regulations.

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

CONTENTS

		Page
1	SCOPE	4
2	REFERENCED DOCUMENTS	4
3	OBJECTIVES OF AMBIENT AIR MONITORING	5
4	SPATIAL AND TEMPORAL VARIABILITY OF AIR QUALITY	6
5	SPECIFICATION OF AMBIENT AIR MONITORING DATA	7
6	CLASSIFICATIONS OF AMBIENT AIR MONITORING SITES	7
7	SELECTION OF MONITORING SITES	8
8	POSITION OF SAMPLING INLET	11
9	SITING CRITERIA FOR OPEN PATH ANALYSER MONITORING	18
APPENI	DIX A NEPC, US EPA AND NZ MFE SITING CLASSIFICATIONS	20



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation