

AS/NZS ISO 33401:2024
ISO 33401:2024



Australian/New Zealand Standard™

Reference materials — Contents of certificates, labels and accompanying documentation



AS/NZS ISO 33401:2024

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee CH-040, Reference Materials. It was approved on behalf of Standards Australia's Standards Development and Accreditation Committee on 21 March 2024 and by the New Zealand Standards Approval Board on 03 April 2024.

This Standard was published on 19 April 2024.

The following are represented on Committee CH-040:

Australian Radiation Protection and Nuclear Safety Agency
CSIRO
International Accreditation New Zealand
Metrology Society of Australasia
National Association of Testing Authorities Australia
National Measurement Institute
Responsible Care New Zealand
University of New South Wales

This Standard was issued in draft form for comment as DR AS/NZS ISO 33401:2024.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

www.standards.org.au

www.standards.govt.nz

ISBN 978 1 76139 585 7

Australian/New Zealand Standard™

Reference materials — Contents of certificates, labels and accompanying documentation

Originated in Australia as SAA HB 19.31—1991.
Originated in New Zealand as SANZ HB 19.31—1991.
Revised and redesignated as SA HB 19.31:2018.
Revised and redesignated as AS/NZS ISO 33401:2024.

COPYRIGHT

© ISO 2024 — All rights reserved

© Standards Australia Limited/the Crown in right of New Zealand, administered by the New Zealand Standards Executive 2024

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 (Cth) or the Copyright Act 1994 (New Zealand).

Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-040, Reference Materials, to supersede SA HB 19.31:2018, *Reference materials, Part 31: Contents of certificates, labels and accompanying documentation*.

The objective of this document is to help reference material producers (RMPs) in preparing clear and concise documentation to accompany reference material (RM). It lists and explains mandatory, recommended, and other categories of information to be considered in the preparation of product information sheets and RM certificates. This information can be used by RM users and other stakeholders in confirming the suitability of RM or certified reference material (CRM).

This document also contains the minimum requirements for a label attached to the container of an individual RM unit.

This document is identical with, and has been reproduced from, ISO 33401:2024, *Reference materials – Contents of certificates, labels and accompanying documentation*.

As this document has been reproduced from an International document, a full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

Contents

Preface	ii
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General	3
5 The contents of a product information sheet or reference material certificate	3
5.1 General	3
5.2 Information required in the RM document	4
5.2.1 General	4
5.2.2 Title of the document	4
5.2.3 Unique identifier of the RM	5
5.2.4 Name of the RM	5
5.2.5 Name and contact details of the RM producer	5
5.2.6 Intended use	5
5.2.7 Minimum sample size	6
5.2.8 Period of validity	6
5.2.9 Commutability	6
5.2.10 Storage information	6
5.2.11 Instructions for handling and use	6
5.2.12 Document components	7
5.2.13 Document version	7
5.2.14 Measurement procedures for operationally defined measurands	7
5.2.15 Property of interest	7
5.3 The information required in an RM certificate	7
5.3.1 General	7
5.3.2 Description of the material	7
5.3.3 Property value and associated uncertainty	8
5.3.4 Metrological traceability	8
5.3.5 Name and function of the RM producer's approving officer	8
5.4 Other useful information	8
5.4.1 General	8
5.4.2 Measurement methods for non-operationally defined measurands	8
5.4.3 Health and safety information	9
5.4.4 Subcontractors	9
5.4.5 Indicative values	9
5.4.6 Legal notice	9
5.4.7 Reference to a certification report	9
6 Labels	9
Bibliography	10

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 334, *Reference materials*.

This first edition of ISO 33401 cancels and replaces ISO Guide 31:2015, which has been technically revised.

The main changes are as follows:

- transformation from a Guide to an International Standard;
- addition of requirements for product information sheets and revision of [Table 1](#) accordingly;
- editorial changes for clarification.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.