This is a free page sample. Access the full version online.

ASME Y14.100-2000
(Revision of ASME Y14.100M-1998)

ENGINEERING DRAWING PRACTICES

AN AMERICAN NATIONAL STANDARD

The American Society of Mechanical Engineers

This is a free page sample. Access the full version online.

ADOPTION NOTICE

ASME Y14.100, Engineering Drawing Practices, was adopted on 30 January 1998 for use by the Department of Defense, DoD. Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: Commander, US Army TACOM-ARDEC, ATTN: AMSTA-AR-QAW-E, Picatinny Arsenal, NJ 07806-5000. Copies of this document may be purchased from The American Society of Mechanical Engineers (ASME), 22 Law Drive, P.O. Box 2900, Fairfield, NJ 07007-2900; http://www.asme.org.

Custodians:
Army — AR
Navy — SA
Air Force — 16
DLA — DH

Adopting Activity:
Army — AR

(Project DRPR — 0361)

Review Activities:
Army — AT, AV, CE, CR, EA, GL, MI, SM, TE
Navy — AS, CH, EC, MC, OS, SH, TD, YD
Air Force — 11, 13, 19, 68, 70, 71, 80, 84, 99
DLA — CC, GS, IS
NSA — NS

AMSC N/A AREA DRPR

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

This is a free page sample. Access the full version online.

The American Society of
Mechanical Engineers

AN AMERICAN NATIONAL STANDARD

ENGINEERING DRAWING PRACTICES

ASME Y14.100-2000
(Revision of ASME Y14.100M-1998)

This is a free page sample. Access the full version online.

Date of Issuance: November 23, 2001

This Standard will be revised when the Society approves the issuance of a new edition. There will be no addenda or written interpretations of the requirements of this Standard issued to this edition.

ASME is the registered trademark of The American Society of Mechanical Engineers.

This code or standard was developed under procedures accredited as meeting the criteria for American National Standards. The Standards Committee that approved the code or standard was balanced to assure that individuals from competent and concerned interests have had an opportunity to participate. The proposed code or standard was made available for public review and comment that provides an opportunity for additional public input from industry, academia, regulatory agencies, and the public-at-large.

ASME does not "approve," "rate," or "endorse" any item, construction, proprietary device, or activity.

ASME does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this document, and does not undertake to insure anyone utilizing a standard against liability for infringement of any applicable letters patent, nor assume any such liability. Users of a code or standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, is entirely their own responsibility.

Participation by federal agency representative(s) or person(s) affiliated with industry is not to be interpreted as government or industry endorsement of this code or standard.

ASME accepts responsibility for only those interpretations of this document issued in accordance with the established ASME procedures and policies, which precludes the issuance of interpretations by individuals.

No part of this document may be reproduced in any form,
in an electronic retrieval system or otherwise,
without the prior written permission of the publisher.

The American Society of Mechanical Engineers
Three Park Avenue, New York, NY 10016-5990

Copyright © 2001 by
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
All Rights Reserved
Printed in U.S.A.

This is a free page sample. Access the full version online.

FOREWORD

This Standard establishes engineering drawing practices and ties together the engineering drawing and related documentation practices in the Y14 series. ASME Y14.100 is not intended to be a stand-alone document for the purpose of addressing basic practices. An accurate perception of engineering drawing practices is derived by treating ASME Y14.100, ASME Y14.24, ASME Y14.34M, and ASME Y14.35M as a composite set.

This Standard is a revision of ASME Y14.100M-1998, Engineering Drawing Practices. The revision of this Standard was initiated immediately after the official release of ASME Y14.100M-1998 in response to deferred comments and the Department of Defense (DoD) objective of a single industrial base. The initial attempt to convert the DoD drawing practices standard, MIL-STD-100, to a nongovernment standard resulted in two drawing practices standards: ASME Y14.100M-1998, which consisted of basic practices common to DoD and industry, and MIL-STD-100G, which consisted of those practices and requirements unique to DoD. The impact on the community was that judgments on when to use which standard as a stand-alone or in combination was causing a good deal of confusion. Accordingly, the realization of the problems presented by the existence of two basic drawing practices standards is the basis for the issue of this revision to ASME Y14.100M-1998. The consensus was that one standard was needed. To accomplish this, this Standard contains appendices that may be invoked and tailored by DoD, thereby making possible the cancellation of MIL-STD-100.

Changes contained in this revision are intended to improve standardization and to harmonize practices and methodology between industry and government. The following is a summary of the significant differences between ASME Y14.100M-1998 and this revision:

(a) the addition of Appendix A, Tailoring, which provides items to consider when using this Standard either with or without the use of Appendices;

(b) the addition of Appendix B, Noncommercial Drawing Practices, for other than commercial application;

(c) the addition of Appendix C, Drawing Titles, for other than commercial application;

(d) the addition of Appendix D, Numbering, Coding, and Identification, for other than commercial application; and

(e) the addition of Appendix E, Markings on Engineering Drawings, for other than commercial application.

When this Standard is specified as a requirement, its defined requirements are assumed to be consistent with the needs of the user. Therefore, each user provides appropriate application consistent with the environment in which it is applied. Those who use this standard as a requirement for contractual purposes should keep the following facts in mind:

(a) The appendices are not a mandatory part of ASME Y14.100 unless so specified.

(b) This Standard and any specified appendices should be tailored to meet any specific needs. All users must take careful note of the necessity of tailoring this Standard and the applicability of the appendices as contained herein. The extent of any tailoring and the inclusion, whole or in part, of Appendices B through E will in large part be governed by drawing ownership and the logistics intent.

It is not the intent of this Standard to prevent individual organizations from designing specific drawing practices that meet their individual needs, but rather to provide common

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation