

ASME B16.25 INTERPRETATIONS NO. 3

Replies to Technical Inquiries January 1, 1997 through December 31, 2003

FOREWORD

The publication includes all of the written replies issued between the indicated dates by the Secretary, speaking for the ASME B16 Committee, Standardization of Valves, Flanges, Fittings, Gaskets, and Valve Actuators, to inquiries concerning interpretations of technical aspects of B16.25, Butt welding Ends.

These replies are taken verbatim from the original letters except for a few typographical corrections and some minor editorial corrections made for the purpose of improved clarity. In some few instances, a review of interpretation revealed a need for corrections of a technical nature; in these cases, a corrected interpretation follows immediately after the original reply.

These interpretations were prepared in accordance with the accredited ASME procedures. ASME procedures provide for reconsideration of these interpretations when or if additional information is available which the inquirer believes might affect the interpretation. Further, persons aggrieved by this interpretation may appeal to the cognizant ASME Committee or Subcommittee. ASME does not "approve," "certify," "rate," or "endorse" any item, construction, proprietary device, or activity.

Interpretation: 3-1

Subject: ASME B16.25-1997, Table 1, Note (2)

Date Issued: September 19, 2001

File: B16-01-006

Question: According to ASME B16.25-1997, Table 1, Note (2), may diameters other than those listed in Table 1, column 4, be used for cast steel valves?

Reply: Yes. The minimum thickness of the welding end required by the applicable standard or specification needs to be considered. See para. 5.4.

ASME B16.25 INTERPRETATIONS

Replies to Technical Inquiries November 31, 1992, through December 31, 1996

INTRODUCTION

As a service to persons who use the B16 standards, the B16 Committee renders interpretations of the requirements upon request. The procedure for requesting an interpretation is described in the following paragraphs.

The interpretations include all replies which have been approved by the B16 Main Committee in response to inquiries concerning interpretation of this Standard.

An interpretation applies either to the Edition and Addenda in effect on the date of issuance of the interpretation or the Edition and Addenda stated in the interpretation. Subsequent revisions to this Standard may supersede the interpretation. **These interpretations are not a part of ASME B16.25 or its addenda.**

PROCEDURE FOR REQUESTING INTERPRETATIONS

On request, the B16 Committee will render an interpretation of any requirement of this Standard. Interpretations can only be rendered in response to a written request, which should be addressed to:

Secretary, B16 Main Committee
The American Society of Mechanical Engineers
United Engineering Center
345 East 47th Street
New York, NY 10017

The request for interpretation should be clear and unambiguous. It is further recommended that the inquirer submit his request using the following format:

- (a) *Subject.* Cite the applicable paragraph number(s) and/or give a concise description of the subject.
- (b) *Question.* Phrase the question as a request for an interpretation of a specific requirement suitable for general understanding and use, not as a request for an approval of a proprietary design or situation. The inquirer may also include any plans or drawings which are necessary to explain the question; however, they should not contain proprietary names or information.

Requests which are not in this format may be rewritten in this format prior to being answered, which may inadvertently change the original intent of the request.

ASME procedures provide for reconsideration of an interpretation when or if additional information is available which the inquirer believes might affect the interpretation. Further, persons aggrieved by an interpretation may appeal to the cognizant ASME committee or subcommittee. ASME does not "approve," "certify," "rate," or "endorse" any item, construction, proprietary device, or activity.

Interpretation: 2-1

Subject: Internal Transition of Buttwelded Pipe

Date Issued: September 27, 1993

File: B16-93-012

Question: Are the requirements for the internal transition of a 4 in. Schedule 40 pipe when buttwelded to 4 in. Schedule 10 pipe using a gas tungsten arc welding (GTAW) root pass procedure covered by ASME B16.25-1992?

Reply: No. See Section 2.

Interpretation: 2-2

Subject: Counterbore End Preparations

Date Issued: August 24, 1995

File: B16-95-002

Question: When providing counterbore end preparations in accordance with ASME B16.25-1992, Fig. 2, 3, 5, or 6, is it necessary to have a tapered transition in the inside diameter within the $2t_{\min}$ transition region as long as the provided slope or alternate radius does not break the solid 1:3 maximum slope line?

Reply: No. Figure 1 allows any slope to be used in the $2t_{\min}$ transition region.

INTERPRETATIONS TO ASME B16.25

(These interpretations are not part of ASME B16.25-1992 and are included for information only.)

INTRODUCTION

As a service to persons who use the B16 standards, the B16 Committee renders interpretations of the requirements upon request. The procedure for requesting an interpretation is described in the following paragraphs.

The interpretations include all replies which have been approved by the B16 Main Committee in response to inquiries concerning interpretation of this Standard.

An interpretation applies either to the Edition and Addenda in effect on the date of issuance of the interpretation or the Edition and Addenda stated in the interpretation. Subsequent revisions to this Standard may supersede the interpretation.

PROCEDURE FOR REQUESTING INTERPRETATIONS

On request, the B16 Committee will render an interpretation of any requirement of this Standard. Interpretations can only be rendered in response to a written request, which should be addressed to:

Secretary, B16 Main Committee
The American Society of Mechanical Engineers
United Engineering Center
345 East 47th Street
New York, NY 10017

The request for interpretation should be clear and unambiguous. It is further recommended that the inquirer submit his request using the following format:

(a) *Subject.* Cite the applicable paragraph number(s) and/or give a concise description of the subject.

(b) *Question.* Phrase the question as a request for an interpretation of a specific requirement suitable for general understanding and use, not as a request for an approval of a proprietary design or situation. The inquirer may also include any plans or drawings which are necessary to explain the question; however, they should not contain proprietary names or information.

Requests which are not in this format may be rewritten in this format prior to being answered, which may inadvertently change the original intent of the request.

ASME procedures provide for reconsideration of an interpretation when or if additional information is available which the inquirer believes might affect the interpretation. Further, persons aggrieved by an interpretation may appeal to the cognizant ASME committee or subcommittee. ASME does not "approve," "certify," "rate," or "endorse" any item, construction, proprietary device, or activity.

INTERPRETATIONS NO. 1

Replies to Technical Inquiries Issued from January 1, 1987, through November 30, 1992

Interpretation: 1-1

Subject: Finish of Buttwelding Ends

Date Issued: April 19, 1991

File: B16-91-005

Question (1): Do all buttwelding ends conforming to ASME/ANSI B16.25-1986 require a total or partially machined finish to achieve final dimensions?

Reply (1): No.

Question (2): Is an as-cast finish of buttwelding ends conforming to Figure 2(a), ASME/ANSI B16.25-1986, including dimensions and tolerances, acceptable?

Reply (2): Yes.