INTERPRETATIONS TO ASME B16.25

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

INTRODUCTION

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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.

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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.

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AMERICAN NATIONAL STANDARDS FOR PIPING, PIPE FLANGES, FITTINGS, AND VALVES

Scheme for the Identification of Piping Systems ..... A13.1-1981(R1985)
Pipe Threads, General Purpose (Inch) ..... B1.20.1-1983(R1992)
Dryseal Pipe Threads (Inch) ..... B1.20.3-1976(R1991)
Cast Iron Pipe Flanges and Flanged Fittings B16.1-1989
Malleable Iron Threaded Fittings, Class 150 and 300 ..... B16.3-1985
Cast Iron Threaded Fittings, Classes 125 and 250 ..... B16.4-1985
Pipe Flanges and Flanged Fittings B16.5-1988
Factory-Made Wrought Steel Buttwelding Fittings B16.9-1986
Face-to-Face and End-to-End Dimensions of Valves B16.10-1986
Forged Fittings, Socket-Welding and Threaded B16.11-1991
Cast Iron Threaded Drainage Fittings B16.12-1991
Ferrous Pipe Plugs, Bushings, and Locknuts with Pipe Threads B16.14-1991
Cast Bronze Threaded Fittings, Class 125 and 250 ..... B16.15-1985
Cast Copper Alloy Solder Joint Pressure Fittings B16.18-1984
Ring-Joint Gaskets and Grooves for Steel Pipe Flanges B16.20-1973
Nonmetallic Flat Gaskets for Pipe Flanges B16.21-1992
Wrought Copper and Copper Alloy Solder Joint Pressure Fittings B16.22-1989
Cast Copper Alloy Solder Joint Drainage Fittings — DWV B16.23-1992
Cast Copper Alloy Pipe Flanges and Flanged Fittings, Class 150, 300, 400, 600, 900, 1500, and 2500 ..... B16.24-1991
Buttwelding Ends B16.25-1992
Cast Copper Alloy Fittings for Flared Copper Tubes B16.26-1988
Wrought Steel Buttwelding Short Radius Elbows and Returns B16.28-1986
Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings — DWV B16.29-1986
Cast Copper Alloy Solder Joint Fittings for Sovent Drainage Systems B16.32-1992
Manually Operated Metallic Gas Valves for Use in Gas Piping Systems Up to 125 psig (Sizes ½ Through 2) B16.33-1990
Valves — Flanged, Threaded, and Welding End B16.34-1988
Orifice Flanges B16.36-1988
Large Metallic Valves for Gas Distribution (Manually Operated, NPS 2½ to 12, 125 psig Maximum) ... B16.38-1985
Malleable Iron Threaded Pipe Unions, Classes 150, 250, and 300 ..... B16.39-1986
Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems B16.40-1985
Functional Qualification Requirements for Power Operated Active Valve Assemblies for Nuclear Power Plants ..... B16.41-1983(R1989)
Ductile Iron Pipe Flanges and Flanged Fittings, Class 150 and 300 ..... B16.42-1987
Wrought Copper and Copper Alloy Solder Joint Fittings for Sovent® Drainage Systems B16.43-1982
Cast Iron Fittings for Sovent® Drainage Systems B16.45-1987
Large Diameter Steel Flanges (NPS 26 Through NPS 60) B16.47-1990
Power Piping B31.1-1989
Fuel Gas Piping B31.2-1968
Chemical Plant and Petroleum Refinery Piping B31.3-1990
Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum Gas, Anhydrous Ammonia, and Alcohols B31.4-1989
Refrigeration Piping B31.5-1987
Gas Transmission and Distribution Piping Systems B31.8-1989
Building Services Piping B31.9-1988
Slurry Transportation Piping Systems B31.11-1989
ASME Guide for Gas Transmission and Distribution Piping Systems — 1986 (not an ANSI Standard) .....
Manual for Determining the Remaining Strength of Corroded Pipelines (not an ANSI Standard) B31G-1991
Welded and Seamless Wrought Steel Pipe B36.10M-1985
Stainless Steel Pipe B36.19M-1985
Self-Operated and Power-Operated Safety-Related Valves Functional Specification Standard .. N278.1-1975(R1984)

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ASME B16.25 INTERPRETATIONS

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

INTRODUCTION

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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.

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