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ASME B30.10 Interpretations

Replies to Technical Inquiries
October 1991 — December 1994

FOREWORD

This publication includes all of the written replies issued between the indicated dates by the Secretary, speaking for the ASME B30 Committee, Safety Standards for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings, to inquiries concerning interpretations of technical aspects of B30.10, Hooks.

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 the interpretation revealed a need for corrections of a technical nature; in these cases a corrected interpretation follows immediately after the original reply.

The interpretations were prepared in accordance with the accredited ASME procedures. ASME procedures provide for reconsideration of these interpretations when and 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.

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Interpretation: 10-6

Subject: ASME B30.10c-1992

Date Issued: December 20, 1993

Question: Is a manufacturer's mark on the hook mandatory to meet the requirements of para. 10-1.1.1, which states, "Manufacturer's identification shall be forged, cast, or die stamped on a low stress and nonwearing area of the hook"?

Reply: Yes.

Interpretation: 10-7

Subject: ASME B30.10-1993

Date Issued: March 22, 1994

Question (1): On page 6, Figs. 1 through 5 refer to "Latch – When Required"; on page 9, Section 10-1.1.2(c) states, ". . . If welding of (attachments such as handles, latch-supports, etc.) is required, it shall be done in manufacturing or fabrication . . ." Required by whom?

Reply (1): "Whom" indicates that one person in particular would determine the requirement. The requirement is application specific, not person specific. The requirement for latches on hooks is dependent upon the application or equipment where used, as stated in the Scope of B30.10 in Section 10-0.1, "Within the general scope defined in Section I, ASME B30.10 applies to all types of hooks shown in Figs. 1 through 12 used in conjunction with equipment described in other volumes of the B30 standard."

This is further emphasized in para. 10-1.2.1.1(b), "Inspection procedure and record keeping requirements for hooks in regular service shall be governed by the kind of equipment in which they are used."

Question (2): Are there federal or state regulations applicable specifically to the State of Texas for businesses (a) engaged in interstate commerce; or (b) engaged in intrastate commerce? Please refer us to the pertinent regulations.

Reply (2): This question is beyond the scope of the ASME B30 Committee.

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Interpretation: 10-8

Subject: ASME B30.10-1993

Date Issued: September 22, 1994

Question (1): Does the manufacturer's identification requirement of Section 10-1.1.1 mean that the manufacturer's name, trademark, logo, or tradename shall be included on the hook as part of the identification?

Reply (1): Yes.

Question (2): Does the manufacturer's identification requirement of Section 10-1.1.1 preclude the use of a manufacturer's part number, serial number, forging number as the sole means of identification?

Reply (2): Yes.

Interpretation: 10-9

Subject: ASME B30.10-1993, Hooks; ASME B30.16-1993, Overhead Hoists (Underhung)

Date Issued: December 20, 1994

Background: Paragraph 10-1.1.1 of ASME B30.10-1993, Hooks, states the following: "Manufacturer's identification shall be forged, cast, or die stamped on a low stress and nonwearing area of the hook."

Paragraph 16-1.2.9 of ASME B30.16-1993, Overhead Hoists (Underhung), states the following: "If hooks are of the swiveling type, they should rotate freely. Hooks shall be equipped with latches unless the application makes the use of the latch impractical. When required, a latch shall be provided to bridge the throat opening of the hook and retain, under slack conditions, such items as, but not limited to, slings and chains. Refer to ASME B30.10."

Question (1): Does para. 10-1.1.1 apply only to swivel type hooks? Ref. B30.10 and B30.16.

Reply (1): No.

Question (2): Does para. 10-1.1.1 apply only to swivel type hooks with latches? Ref. B30.10 and B30.16.

Reply (2): No.

Question (3): If there is a hook with a latch, are both the hook and latch required to be marked per para. 10-1.1.1? Ref. B30.10.

Reply (3): No.

Question (4): Does para. 10-1.1.1 apply only to hooks with latches? Ref. B30.10.

Reply (4): No.

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Question (5): If para. 10-1.1.1 does not apply to either hook or latch, to which part of the lifting apparatus does it apply? Ref. B30.10.

Reply (5): Paragraph 10-1.1.1 does apply to the hook.

Question (6): Does para. 10-1.1.1 apply only to the latches on nonswiveling hooks? Ref. B30.10.

Reply (6): No.

Question (7): Does para. 10-1.1.1 apply only to nonswiveling hooks? Ref. B30.10.

Reply (7): No.

Question (8): Does para. 16-1.2.9 apply only to swivel type hooks? Ref. B30.16.

Reply (8): No.

Question (9): Does para. 16-1.2.9 apply to all hook types depicted in Figs. 1 through 12? Ref. B30.10 and B30.16.

Reply (9): No.

Question (10): Does para. 16-1.2.9 apply only to hook types depicted in Figs. 1 through 7? Ref. B30.10 and B30.16.

Reply (10): No.

Question (11): Does para. 16-1.2.9 apply only to hooks that require latches? Ref. B30.16.

Reply (11): No.

Question (12): Does para. 16-1.2.9 apply only to hook types depicted in Figs. 1 through 12? Ref. B30.10 and B30.16.

Reply (12): Yes, depending upon user and manufacturer specification requirements for the application.

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