ASME B30.11 INTERPRETATIONS

Replies to Technical Inquiries
April 1995–March 1999

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 ASME B30.11, Monorails and Underhung Cranes.

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 immediately follows the original reply.

These interpretaions 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.

Copyright ASME International
Provided by IHS under license with ASME
No reproduction or networking permitted without license from IHS
Not for Resale

Interpretation: 11-12

Subject: ASME B30.11-1993, Monorails and Underhung Cranes

Date Issued: March 13, 1998

Question (1): Paragraph 11-1.3.2(f) states: "All track and track supports built after the issuance of this Standard should conform to the minimum design parameters as specified in the Manual of Steel Construction of ANSI MH27.1."

Can the AISC Manual of Steel Construction be used alone to design track and track supports?

Reply (1): No.

Question (2): Are both standards to be used with the most restrictive requirements from each applying to the design of track and track supports?

Reply (2): No. The method and design basis to design track and track supports are dependent upon the monorail type being considered. The determination of the appropriate standard or specification to use as a design basis is the responsibility of the system designer. Therefore, the word "should" is used in para. 11-1.3.2(f).

Copyright ASME International
Provided by IHS under license with ASME
No reproduction or networking permitted without license from IHS
Not for Resale