ANSI/ITSDF B56.11.6-2013

(Reaffirmation of ASME B56.11.6 2005)

Evaluation of Visibility From Powered Industrial Trucks

AN AMERICAN NATIONAL STANDARD

INDUSTRIAL TRUCK STANDARDS DEVELOPMENT FOUNDATION

AN AMERICAN NATIONAL STANDARD

EVALUATION OF VISIBILITY FROM POWERED INDUSTRIAL TRUCKS

ITSDF B56.11.6-2013 (Reaffirmation of ASME B56.11.6-2005)

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FOREWORD

(This foreword is not part of ITSDF B56.11.6-2013)

Work on this Standard, originally designated as MH11.6M, was begun by the MH11 Committee. With the consolidation of the activities of the MH11 and B56 Committees, the MH11 Committee became the B56.11 Subcommittee, under the jurisdiction of the B56 Committee. The B56 Subcommittee continued the development of this Standard, redesignated as B56.11.6.

After letter ballot approval by the B56.11 Subcommittee and the B56 Committee, and public review, the standard was approved by the sponsor. After obtaining such approval, the standard was submitted to the American National Standards Institute, Inc. (ANSI). ANSI approval to issue the standard as an American National Standard was granted on August 6, 1992.

This Standard shall become effective 1 year after its respective Date of Issuance. Part III applies only to trucks manufactured after the effective date.

Safety codes and standards are intended to enhance public health and safety. Revisions result from committee consideration of factors such as technological advances, new data, and changing environmental and industry needs. Revisions do not imply that previous editions were inadequate.

ASME STANDARDS COMMITTEE B56 Powered and Nonpowered Industrial Trucks

(The following is the roster of the Committee at the time of approval of this Standard.)

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- W. J. Montwieler, The Industrial Truck Association
- E. J. Ramsey, Sellick Equipment Ltd.
- T. P. Rhoades, J. M. Miller Engineering, Inc.
- J. D. Schell

The following is a list of individuals who had been members of the B56.11 Subcommittee during the development of this Standard, but were not members as of June 1992.

- L. C. Root, Chairman, Belvoir RD&E Center
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- O. S. Carliss
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- J. W. Uetrecht, Crown Equipment

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ITSDF B56.11.6-2013 SUMMARY OF CHANGES

Following reaffirmation by the ITSDF B56 Committee and after public review, ITSDF B56.11.6 was approved as a reaffirmation of ASME B56.11.6-1992 by the American National Standards Institute on September 1, 2005.

SPECIAL NOTE

The Interpretations to ITSDF B56.11.6 are included at the end of this edition as a separate section for the user's convenience. The interpretations are not part of this edition or of the standard itself.

ITSDF B56.11.6-2013

POWERED AND NONPOWERED INDUSTRIAL TRUCKS

General

This Standard is one of a series that have been formulated with the Industrial Truck Standards Developing Foundation as Sponsor in accordance with the Accredited Organization method, the procedures accredited by the American National Standards Institute, Inc., and the following scope.

Establishment of the safety requirements relating to the elements of design, operation, and maintenance; standardization relating to principal dimensions to facilitate interchangeability, test methods, and test procedures of powered and nonpowered industrial trucks (not including vehicles intended primarily for earth moving or over-the-road hauling); and maintenance of liaison with the International Organization for Standardization (ISO) in all matters pertaining to powered and nonpowered industrial trucks.

One purpose of the Standard is to serve as a guide to governmental authorities having jurisdiction over subjects within the scope of the Standard. It is expected, however, that the Standard will find a major application in industry, serving as a guide to manufacturers, purchasers, and users of the equipment.

For convenience, Standards for Powered and Non-powered Industrial Trucks has been divided into separate volumes:

Safety Standards

B56.1	Low Lift and High Lift Trucks
B56.5	Guided Industrial Vehicles and Automated
	Functions of Manned Industrial Vehicles
B56.6	Rough Terrain Forklift Trucks
B56.7	Industrial Crane Trucks
B56.8	Personnel and Burden Carriers
B56.9	Operator Controlled Industrial Tow Trucks
B56.10	Manually Propelled High Lift Industrial
	Trucks

Standardization Standards

B56.11.1 Double Race or Bi-Level Swivel and Rigid Industrial Casters

	Industrial Trucks
B56.11.4	Hook-Type Forks and Fork Carriers for
	Powered Industrial Forklift Trucks
B56.11.5	Measurement of Sound Emitted by Low
	Lift, High Lift, and Rough Terrain

B56.11.3 Load Handling Symbols for Powered

Powered Industrial Trucks
B56.11.6 Evaluation of Visibility From Powered
Industrial Trucks

B56.11.7 Liquefied Petroleum Gas (LPG) Fuel
Cylinders (Horizontal or Vertical)
Mounting — Liquid Withdrawal — for
Powered Industrial Trucks

Safety standards that were previously listed as B56 volumes but now have different identification due to a change in standards development assignments are as follows.

NFPA 505	Fire Safety Standard for Powered
	Industrial Trucks — Type Designations,
	Areas of Use, Maintenance and
	Operation (formerly B56.2)
UL 583	Standard for Safety for Electric-Battery-
	Powered Industrial Trucks (formerly
	B56.3)
UL 558	Standard for Safety for Internal
	Combustion Engine-Powered Industrial
	Trucks (formerly B56.4)

If adopted for governmental use, the references to other national codes and standards in the specific volumes may be changed to refer to the corresponding governmental regulations.

The use of powered and nonpowered industrial trucks is subject to certain hazards that cannot be completely eliminated by mechanical means, but the risks can be minimized by the exercise of intelligence, care, and common sense. It is therefore essential to have competent and careful operators, physically and mentally fit, and thoroughly trained in the safe operation of the equipment and the handling of the loads. Serious hazards are overloading, instability of the load, obstruction to the free passage of the load, collision with objects or pedestrians, poor maintenance, and use of equipment for a purpose for which it was not intended or designed.