

**ASME HST-5–2020**  
(Revision of ASME HST-5–2014)

# **Performance Standard for Air Chain Hoists**

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**AN AMERICAN NATIONAL STANDARD**



**The American Society of  
Mechanical Engineers**

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Two Park Avenue • New York, NY • 10016 USA

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# CONTENTS

Foreword .....	iv
Committee Roster .....	v
Correspondence With the HST Committee .....	vi
<b>Chapter 5-0</b>	
<b>Scope, Definitions, References, and Appendices .....</b>	<b>1</b>
Section 5-0.1 Scope .....	1
Section 5-0.2 Definitions .....	1
Section 5-0.3 References .....	3
Section 5-0.4 Appendices .....	3
<b>Chapter 5-1</b>	
<b>Performance .....</b>	<b>5</b>
Section 5-1.1 General .....	5
Section 5-1.2 Hoist Duty Service Classification .....	5
Section 5-1.3 Specifications of Lift, Headroom, and Reach .....	6
Section 5-1.4 Speeds — Hoist and Trolley .....	6
Section 5-1.5 Trolleys .....	6
Section 5-1.6 Control .....	7
Section 5-1.7 Typical Air Chain Hoist and Trolley Inquiry Data .....	8
<b>Nonmandatory Appendix</b>	
A Performance Requirements for Air Chain Hoists Used in Marine and Other Applications as Required by the U.S. Department of Defense (DOD) .....	10
<b>Figures</b>	
5-0.2-1 Headroom, Lift, and Reach .....	4
5-0.2-2 Reeving .....	4
<b>Tables</b>	
5-1.2.3-1 Air Chain Hoist Duty Service Classification .....	5
5-1.4-1 Typical Hoist and Motorized Trolley Speeds .....	6
A-2.3.1-1 Type A, Air Chain Hoist, Hook Suspension .....	12
A-2.3.2-1 Types B and C, Air Chain Hoists, Plain and Geared Trolley Suspension, Hand Operated .	12
A-2.3.3-1 Type D, Air Chain Hoist, Geared Trolley Suspension, Air-Motor Powered .....	13
A-2.3.4-1 Type E, Air Chain Hoist Requirements .....	13
A-3.6-1 Hook Throat Openings .....	16
<b>Form</b>	
5-1.7-1 Typical Air Chain Hoist and Trolley Inquiry Data Form .....	9

# FOREWORD

This Standard is one in a series that provides performance requirements for hoists; it was originally issued in 1985. It was developed by The American Society of Mechanical Engineers (ASME) HST Standards Committee, Hoists — Overhead. It is intended to serve as a guide to manufacturers of the equipment and to the purchasers and users of the equipment. Standards in this series are

Designator	Title
HST-1	Performance Standard for Electric Chain Hoists
HST-2	Performance Standard for Hand Chain Manually Operated Chain Hoists
HST-3	Performance Standard for Lever Hoists
HST-4	Performance Standard for Overhead Electric Wire Rope Hoists
HST-5	Performance Standard for Air Chain Hoists
HST-6	Performance Standard for Air Wire Rope Hoists

This edition contains various updates to the definitions and references in [Sections 5-0.2](#) and [5-0.3](#) and [para. A-2.2](#). A new paragraph has been added to provide guidance on air supply characteristics and considerations. The scope has been revised to reflect the Standard's applicability to the U.S. Department of Defense (DOD) applications. When [Nonmandatory Appendix A](#) is invoked, this Standard becomes applicable to hoists used for DOD applications.

This Standard has been formatted in accordance with the 2019 ASME Codes and Standards Writing Guide and Editorial Style Guide.

This Standard was approved as an American National Standard on April 2, 2020.