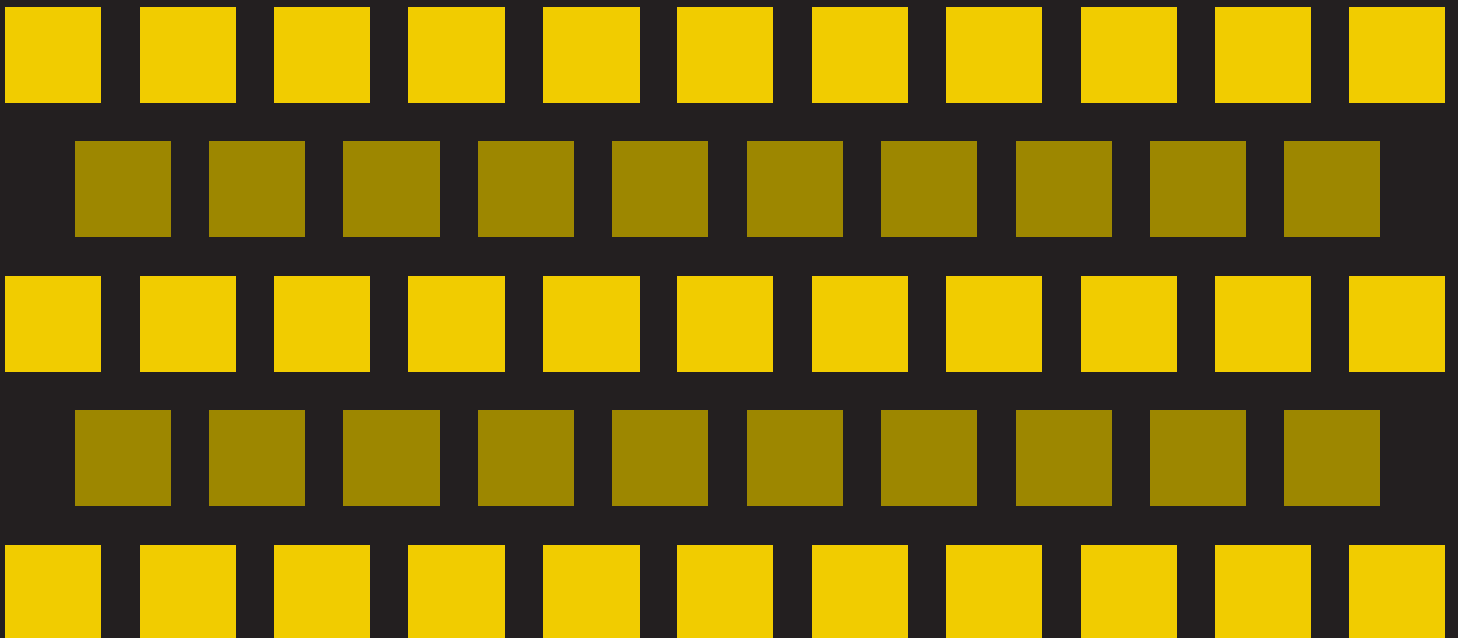


GUIDE TO MOBILE CRANE STANDARDS



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GUIDE TO MOBILE CRANE STANDARDS

Prepared by:

Dennis Eckstine

Eckstine and Associates, Inc.



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FOREWORD

Numerous standards applicable to the design and manufacturing of mobile cranes exist in the United States. Heretofore there have been no published guidance criteria to assist the prospective manufacturer, owner or user of mobile cranes in determining which standards should be invoked for a particular application or facility. ASME Standards Technology, LLC (ASME ST-LLC) produced this guide to mobile crane standards to provide some guidance.

“Guide to Mobile Crane Standards” considers the equipment covered by the following ASME B30 Volumes: B30.5 Mobile and Locomotive Cranes, B30.8 Floating Cranes and Floating Derricks), B30.14 Side Boom Tractors, B30.22 Articulating Boom Cranes, B30.25 Scrap and Material Handlers, B30.29 Self-Erect Tower Cranes, and related equipment. This guide will provide a starting point for the listing of the relevant standards, codes, regulations and guidelines impacting the construction, characteristics, design, inspection, testing, maintenance, operation and safe use of mobile cranes. It will focus on North America but will be global in its scope including the listing of ISO and significant international standards addressing mobile cranes. The prospective owner and user of cranes must comply with all federal, state and local requirements including but not limited to the ones listed in this document.

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ABSTRACT

The purpose of this publication is to provide guidance the users, manufacturers and specifiers of mobile cranes by identifying relevant documents/standards that may be applicable to mobile cranes. This publication identifies U.S. federal, state and local laws, national and industry consensus standards, international standards and other documents written specifically for mobile cranes, or having provisions specific to mobile cranes. Some of the national or industry consensus standards are applicable to nearly all mobile crane applications and are typically invoked by owner specifications. Others apply to unique crane applications and are not necessarily appropriate for commercial or standard industrial cranes.