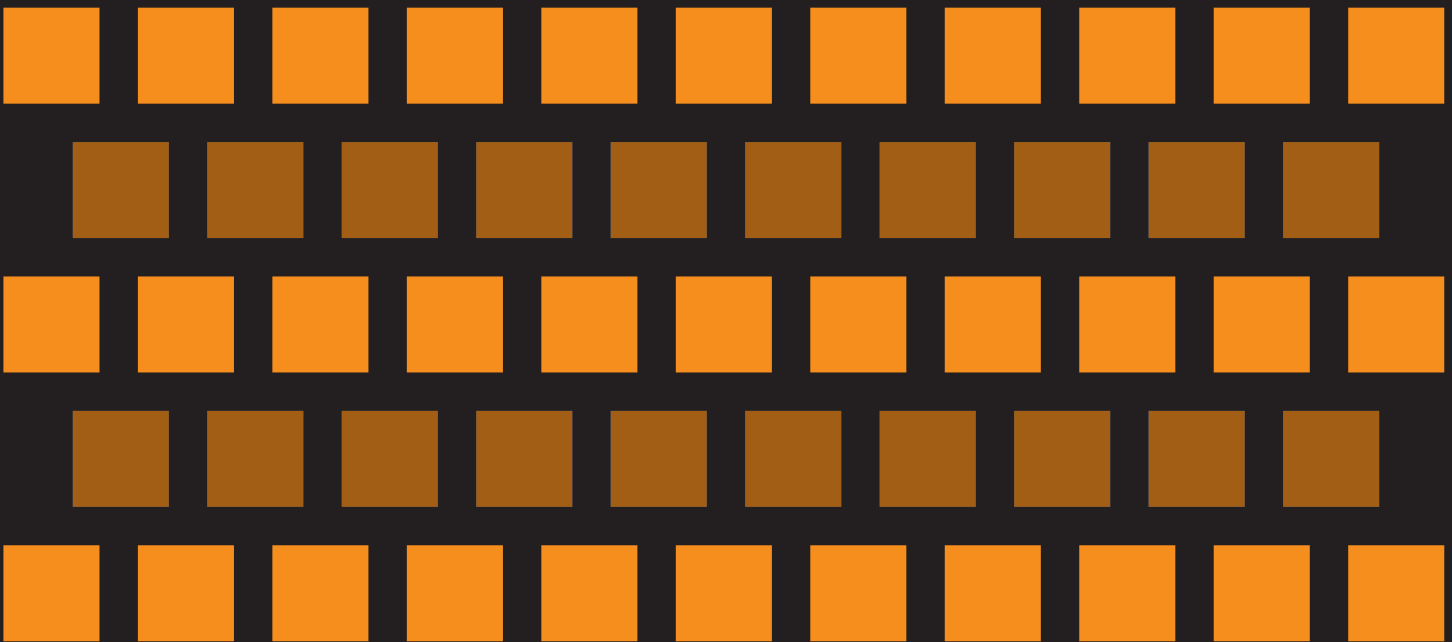


STP-NU-015

A GUIDE TO AMERICAN CRANE STANDARDS

**For Electric Overhead Traveling Cranes,
Hoists, and Related Equipment for Nuclear
Facilities**



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FOREWORD

Numerous standards applicable to the design and manufacturing of overhead cranes exist in the United States. Heretofore there have been no published guidance criteria to assist the prospective owner or user of cranes in determining which standards should be invoked for a particular application or facility. This is particularly the case for nuclear facilities and other applications where crane requirements often exceed the minimum industry standards. The ASME Committee on Cranes for Nuclear Facility produced this “Guide to American Crane Standards” to provide such guidance.

ASME has been involved in nuclear codes and standards since 1956. The Society created Section III of the Boiler and Pressure Vessel Code, which addresses nuclear reactor technology, in 1963. ASME Standards promote safety, reliability and component interchangeability in mechanical systems.

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ABSTRACT

This document provides information and guidance regarding applicable U.S. industry and government documents and standards to users specifying requirements for overhead and gantry cranes for nuclear facilities. This includes documents and standards written specifically for cranes, as well as others having provisions specific to cranes. Some are codified in U.S. law. Others are national or industry consensus standards. Of the latter, some are applicable to nearly all crane applications and are typically invoked by owner specifications. Others apply to special-purpose crane applications and are not necessarily appropriate for commercial or standard industrial cranes.