

<b>Miscellaneous online questions for CMAA</b>	
	<b>Specifications - CMAA</b>
Q.	How can I purchase a copy of Specifications 70, 74, 78 and the Crane Operators Manual?
A.	You can obtain these from our on-line Bookstore at <a href="http://www.mhia.org">www.mhia.org</a> or call 704-676-1190 and ask for our Literature Department.
Q.	Is CMAA Specification 61 available?
A.	No, CMAA Specification 61 has been superseded by CMAA Specifications 70 and 74.
Q.	What text do you suggest buying for structural design of bridge cranes?
A.	<p>The documents listed below are the specifications one should consider in the design and manufacture of bridge cranes, workstation cranes or patented track cranes. If writing an RFP, it would be very helpful to have a basic understanding of the specifications, technical issues, etc.</p> <p><b>CMAA</b> Specifications for Top Running Bridge &amp; Gantry Type Multiple Girder Electric Overhead Traveling Cranes – No. 70  <b>CMAA</b> Specifications for Top Running and Under Running Single Girder Electric Overhead Cranes Utilizing Under Running Trolley Hoist – No. 74  <b>CMAA</b> Specification 78 – Standards and Guidelines for Professional Services Performed on Overhead Traveling Cranes and Associated Hoisting Equipment  <b>MMA</b> Specifications for Underhung Cranes and Monorail Systems – ANSI MH27.1  <b>MMA</b> Specifications for Enclosed Track Underhung Cranes and Monorail Systems, ANSI MH27.2</p>
Q.	I am trying to find some information regarding the inspection of hoist and/or trolley crane structures.
A.	You should review the ANSI safety specification B30.2 (overhead cranes), B30.112 (under hung cranes), B30.16 (overhead hoists), CMAA Specification 78 (service, maintenance, inspection), and the HMI Hoist Inspection and Maintenance Personnel Manual for guidance on that subject.
Q.	It seems everyone we deal with in the crane industry has CMAA Spec #70 & #74 including the Cal OSHA Crane Certification Unit here in California. I've read the "disclaimer" on these specs, but are they still accepted industry standards?
A.	The question asks if CMAA Specifications are still accepted industry standards. The "Specification" section on page 2 of Specifications #70 and #74, Revised 2000 states: "The use of these specifications is permissive, not mandatory." "These advisory Specifications provide technical guidelines..." "...(CMAA Specifications) do not have the effect of law."
	<b>Specifications - Other</b>
Q.	I am doing research on worker safety in relationship to suspended load operations, are there any resources available?
A.	You should look at ANSI B30.2 and B30.16. Also look at OSHA 29 CFR Part 1910.
Q.	I am looking for technical specifications for the design and construction of jib cranes.
A.	There are no specifications for Jib Crane design and construction.
Q.	What are the OSHA/Cal OSHA regulations regarding clearance on the side of the crane rail

	for an overhead gantry crane?
A.	You can find this at <a href="http://www.osha.org">www.osha.org</a> the standard you need is 29 CFR Part 1910 – Occupational Safety & Health Standards of General Industry (Revised 7/1/97)
Q.	We have an overhead traveling bridge crane for a turbine building. For plant operation and maintenance, Class A service with main/aux hook capacities of 90/20 metric tons would suffice. The bridge span is 23.1. However, there is an additional requirement for a one-time lift of 125 metric tons at time of equipment installation. Therefore: 1. What should the rated load capacity of the crane be? 2. Would it still be considered Class A service? 3. What deflection criteria apply during the one-time lift? 4. Do inertia forces or impact factors need be considered during the one-time lift for strength or deflection calculations?
A.	Your request is beyond the scope of the CMAA Specifications. The CMAA Specifications are for new crane applications and do not address overload or planned engineered lifts.  I recommend you review ASME B30.2, Overhead and Gantry Cranes – Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist, Section 2-3.2, titled “Handling the Load”. More specifically, Section 2-3.2.1.1, titled “Planned Engineered Lifts” details additional requirements.
Q.	Where can I purchase Hand Signal Charts?
A.	You can purchase these from the Crane Institute of America, Inc. Email <a href="mailto:products@craneinstitute.com">products@craneinstitute.com</a>
Q.	What is the difference between SIC codes and NAIC codes and how do they translate?
A.	Here is a link that might help answer your questions: <a href="http://www.census.gov/epcd/www/naicstab.htm">http://www.census.gov/epcd/www/naicstab.htm</a>
Q.	Will the CSA approval be good enough in the U.S. and can a CSA approval be questioned by a U.S. customer?
A.	To help answer your questions, please look at these web sites: <a href="http://www.csa-international.org">www.csa-international.org</a> and <a href="http://www.ansi.org">www.ansi.org</a>
Q.	It is my understanding from the MHIA web site that CMAA deals strictly with overhead cranes. I am looking for some expertise in selection of boom cranes.
A.	You would need to contact the Association of Equipment Manufacturers (AEM) at <a href="http://www.aem.org">www.aem.org</a> .
Q.	Do you handle crawler cranes?
A.	No, you will need to contact the Association of Equipment Manufacturers. <a href="http://www.aem.org">www.aem.org</a>
	<b>CMAA - Members &amp; Manufacturers</b>
Q.	Are there any nationally certified organizations that certify crane inspectors and operators?
A.	You can look in our web site <a href="http://www.mhia.org">www.mhia.org</a> under Product Sections and Counsels and there are many CMAA Members that offer Crane Training.
Q.	Is there a directory of crane and related equipment manufacturers?
A.	At <a href="http://www.mhia.org/psc/PSC_Products_Cranes_MemberList.cfm?secid_51">www.mhia.org/psc/PSC_Products_Cranes_MemberList.cfm?secid_51</a> you can find the Members of Crane Manufacturers of America.

	CMAA - Crane statistics
Q.	Are there production statistics for cranes?
A.	You can find the statistics at <a href="http://www.mhia.org/ir/ir_marketanalysis.cfm">www.mhia.org/ir/ir_marketanalysis.cfm</a>