



ON THE HOOK!

CRANE INSPECTION & CERTIFICATION BUREAU

June 2008

CICB TO OFFER NCCCO PREPARATORY TRAINING AND EXAMS FOR LATTICE BOOM & TOWER CRANES

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CICB is excited to announce that we will be providing hands on training and exams for Lattice Boom Cranes and Tower Cranes in addition to our Small Hydraulic and Large Hydraulic Training Program. CICB has been providing NCCCO Preparatory Training and hosting written and practical exams since the mid nineties, and starting in June 2008, we will be offering open enrollment CCO Prep training in the Orlando area. CICB is hoping this will make it easier for operator's to become NCCCO certified by providing a closer location to get the exams for all types of cranes. Our first NCCCO Training with Written and Practical Exams will be the

week of June 23-28, 2008. CICB offers the most comprehensive CCO training program in the United States. Also during this week of training, we will offer a Tower Crane Inspector Program. With the recent accidents, it has become evident that a comprehensive inspection of Tower Cranes can improve safety on the jobsite. Hands on training is also available in Orlando for Aerial Lifts, Forklifts and Boom Trucks.

"CICB fully endorses the national certification program offered by the National Commission for the Certification of Crane Operators (NCCCO), and will prepare candidates for the CCO certification examinations."

IMPORTANT CHANGES TO ASME B30.5

The standard for Mobile and Locomotive Cranes, ASME B30.5 has recently changed. The previous issue ASME B30.5-2004 has been replaced with ASME B30.5-2007. The new standard was approved in November of 2007 and compliance is expected by November of 2008, or one year after the standards date of issuance. There are many changes to the standard including the introduction in its entirety.

Changes to this standard will be highlighted in this article but not all details and changes will be listed. CICB recommends that all personnel involved in Mobile and Locomotive Crane Operations, purchase a copy of the new standard, read and understand all changes.

One of the most important changes to the standard is in reference to the requirements of Crane Operators and other personnel. Section 5-3.1.1, Qualifications and Responsibilities has added the following under section (a) (1), cranes shall be operated by those who have met the requirements of paragraphs 5-3.1.2(a) through (c) and (f). In regards to physical requirements, crane operators must meet vision requirements, be able to distinguish colors, have adequate hearing, sufficient strength, endurance, coordination etc., depth perception, negative results for a substance abuse test, no evidence of physical defects or emotional instability and free from the threat of seizures or loss of physical control. Operation requirements include the satisfactory (continued on page 2...)

MIAMI CRANE ORDINANCE

On March 18, 2008, the Miami Dade County Commission unanimously passed the proposed Crane Ordinance for the safety of cranes and other hoisting equipment. The ordinance calls for more strict regulations in the field of crane operations and crane inspections among other points. The ordinance lists several reasons explaining the basis for the ordinance including the increasing number of accidents involving cranes and other lifting equipment as well as the exposure of rough weather. The ordinance also mentions the regulations of large metropolitan areas including Los Angeles and New York City, which have more strict laws that govern crane

operations and safety. One of the most notable changes are operation requirements for crane operators who will now have to pass a written and practical exam. The certificates must be issued by an Accredited Certifying Agency (section AE-9). There are also regulations as to the inspection of equipment, installation and use of not only cranes but other types of lifting equipment as well. A section in regards to building permits where hoisting equipment is required is also listed. We recommend all persons affected by this change obtain a copy of the new ordinance to read, understand and ensure compliance.



CICB Crane Inspector Course - SONOTEST, Barcelona 2008

Our instructor, Larry Kime, recently visited Barcelona, Venezuela to conduct an Inspector Certification Course. Larry is one of our more seasoned instructors and regularly travels outside of the U.S. to train our customers in lifting equipment operations. The industries in Venezuela use the ANSI standards to set operational principles and many of the standards have been translated to Spanish. Sonotest is ahead of the game where inspections and testing are concerned. "I was very impressed with how they did business and the students were very knowledgeable in the ANSI Standards," Larry said. Some of the other countries Larry has visited while teaching for CICB include Jamaica, Turks and Caicos Islands, Bolivia as well as all 50 United States.

Test Your Knowledge! Aerial Work Platforms

1) What is the OSHA regulation that pertains to aerial work platforms when used in the construction industry?

2) What standard defines a welder's qualifications in order to repair an aerial work platform?

3) Who shall offer training materials to the user's inspectors?

4) When may the ground controls be used when someone is in the basket?

5) The boom position and material carrying attachment controls shall return to _____ when released.

6) _____ is the term that describes the maximum rated line voltage for which the aerial lift has been designed.

7) What are two types of liners that may be used in bucket trucks?

8) What shall the distance of the top of the guard rail be above the platform surface?

9) What shall be worn while work is being performed from an aerial lift?

10) What is the OSHA regulation that pertains to aerial work platforms when used in general industry?



CICB'S ONLINE ASSESSMENT TESTING IS A VALUABLE ZERO COST TOOL

CICB's on-line assessment testing can help safety managers to gauge the knowledge of their crane operators and inspectors. For thirty days you can test as many employees as you would like and CICB will provide

a detailed score report and suggest areas, if any, that need improvement. Give us a call to set up an account or to obtain a user name and password for the demo test which is located at <http://demotest.cicb.com>

Changes to ASME B30.5 (continued)

(continued from page 1)
completion of a written examination, that covers a number of topics, including load chart interpretations and load chart mathematics in the language of the crane manufacturer's operation and maintenance instruction materials. They must also demonstrate understanding and knowledge of federal, state and local requirements. Operators must also pass a practical examination that also includes inspection of the equipment. The section, 5-3.1.2 section c (1)-(6), lists the requirements of recertification on a specific type of crane. "Conduct of Operators" section 5-3.1.3, has been changed to "Responsibilities" and revised in its entirety.

Crane Operator - directly controls crane functions.

Crane Owner - has custodial control of a crane by virtue of lease or ownership.

Crane User - arranges the

crane's presence on worksite and controls its use there.

Lift Director - directly oversees the work being performed by a crane and the associated Rigging Crew.

Site Supervisor - exercises supervisory control over the work site on which a crane is being used and over the work that is being performed on that site. Starting in section 5-3.1.3.1 to 5-3.1.3.3 are the outlines of the job responsibilities of each person listed above. This entire section contains new information that was not included in the 2004 version of the standard and we highly recommend that you get familiar with which job category that you would fall into and be familiar with all the new information outlining your responsibilities. There are also several changes under section 5-2, Inspection, Testing and Maintenance. Section 5-2.2.1 Operational Tests, has been revised as well as subparagraphs

in 5-2.4.3 (b)(3), (b)(5), (b)(6), (b)(8), (b)(9), and (d). Section 5-2.4.4 section c has been revised in its entirety and includes information pertaining to the cutting of wire rope. All changes that have taken place in the standard have not been listed in this article. Once you purchase your copy of the ASME B30.5-2007, review the summary of changes listed on the back page of the introduction section. If you think that your personnel involved in crane operations may need additional training, please contact us regarding our safety compliance solutions. If you aren't sure where to start, our on-line assessment testing is a great way to find out what your Riggers and Operators know. The tests are available in English or Spanish and the service is free until July 2008. Please contact our sales department for further information. **(To subscribe to the Newsletter, email us at info@cicb.com)**

Safety or Tragedy

Chuck LeFevers, Instructor/Inspector for CICB

CICB is taking the initiative throughout the world of the construction industry to help make workplaces utilizing Tower Cranes a safer environment. Tower cranes are one of the most effective tools in the industry today and they offer enormous advantages when it comes to high rise development and limited availability of space. Tower cranes are the work horses in major cities throughout the world, but recent events have brought attention to the importance of safety when using these incredible pieces of machinery that are one of the most integral parts of the construction industry today.



With thousands of Towers Cranes in use all over the world, CICB wants to do its part to assure that the industry stays ahead of the game. The most important thing companies can do to assure safety and quality control is to make sure they provide proper training for operators, ground personnel and management teams, as well as proper inspection of equipment. Not only is it the smartest decision that can be made, it just makes sense. Even with the greatest of safeguards in place, there are unique situations that can arise and pose incredible challenges for you as an owner or representative of a business. There are going to be times when you will be put to the test of proving if you did indeed, plan for the unexpected.

Take the initiative and be proactive when it comes to the issue of safety. Not only is it important for those in your workplace, but for those around your workplace as well. Tower Crane operations require special attention to the areas that can be affected, in the event of an accident. Of utmost importance, is to assure the safety of the community in which the Tower Crane is in use. CICB is taking steps to help assist the industry with these issues by providing the highest quality training for Tower Crane Operators and Inspectors. As an instructor for CICB and a former Tower Crane Operator, I understand the issues and challenges that are faced every day with these types of operations. The lives of thousands are in the hands of a Tower Crane Operator at any given time. It is of the utmost importance that representatives of companies back these operators up with the support needed to make their jobs safer through an effective training and certification program. Safety and liability are things we are all responsible for in the Construction Industry. You too can take steps in the right direction by allowing CICB to become a part of your team. Give your team the tools they need and then stand behind them. You do that for your team and we'll do that for you.

WE STILL NEED YOUR RECIPES FOR OUR 2008 COOKBOOK!!!

Back in 2004, CICB created a cookbook filled with delicious recipes collected from our employees as well as our customers. It was such a success that we would like to do it again, but this time include you! We would like you to send in your recipes for cocktails, appetizers, desserts, entrees etc. so that we can include them in our next issue of the cookbook that will be completed for Christmas of 2008. Everyone that sends a contribution will receive a free cook book, so please make sure you send the following information, along with your

recipes: Name, company name, address, contact phone number, and a picture of your recipe if available. Please send to:

CICB
Attention: Paula Schaffer
PO BOX 621388
Orlando, FL 32862
Or via email - paula.schaffer@cicb.com



THANKS TO EVERYONE WHO HAS ALREADY SENT IN A RECIPE!

Training Available for Operators, Inspectors, Trainers and Safety Management Personnel on the Following Equipment:

- Mobile Cranes
- Overhead Crane/Hoists
- Rigging
- Forklifts
- Aerial Lifts
- Earth Moving Equipment



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Special Services Available:

- NCCCO Preparatory Training with Exams
- Expert Witness
- Third Party Equipment Inspections
- Risk Analysis Visits
- Accident Investigation
- Maritime Inspections and Training
- Pre-Employment & Existing Employee On-line Assessment Testing

API Training Certification Programs

Rigger Operator



* Services can be provided on-site at your facility, in one of our Scheduled Open Enrollment Courses, or at one of our facilities in Orlando, FL or Houston, TX. Call us for a quote or to receive a copy of our schedule. If you do not see the service that suits your needs, please call our sales/technical department and we will be happy to assist you with your request.

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