



ON THE HOOK!

CRANE INSPECTION & CERTIFICATION BUREAU

SEPTEMBER 2008

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CICB Recently conducted NCCCO Preparatory training for G.A. West & Company of Saraland, AL. John Cole was the instructor for this course and he said he believes the joint effort of the class and the knowledge he gained as an instructor from the Bob Pike Boot Camp was the reason for the huge success of this program. The class vowed they would all pass the NCCCO written tests on the first attempt. As anyone who has taken these tests would know, they are very difficult and even the most seasoned of operators can have difficulty. We are very proud of all that participated in this course as the results showed proof that they learned from the training and really tried their best to grasp the material. We were happy to report to Rex Parnell, the Crane and Rigging Manager at G.A. West, that they all passed and their goal was met 100%. Congratulations guys!

CICB COMPLETES BOB PIKE TRAINING BOOT CAMP

The first week of July was exciting for CICB and not just because of the festivities of our Independence Day. CICB's instructors completed a boot camp training program through the Bob Pike Group and we are proud to now offer an even better training experience than in the past to our existing customers as well as our new customers. In the program our instructors learned the principles behind effective learning and the best way to bring a student out of their daily worries from work or at home, to be able to focus, learn and take away the bulk of information taught in a CICB training program. Knowledge of the way most individuals learn when faced with the task of absorbing new information is a key ingredient to a successful class. As with any other training program that deals with equipment operations, there is a lot of information that has to be taken in and applied in the daily functions of our student's jobs, because after all that's why they are

here. One of our senior Instructors, Jerry Longtin said, "Staying on top of industry standards and giving our students all the knowledge they need is our top priority, but we have to know the best way to deliver the information so that it is retained and applied on the job-sites of our customers."

For more information on the Bob Pike Group, visit their website at www.bobpikegroup.com



JOHN COLE TO SPEAK AT THE CRANE & HOIST CONFERENCE

It's almost that time again! The Crane & Hoist Conference will be held this year at the Rio Hotel & Casino in Las Vegas, NV on December 3-4, 2008. CICB will be sponsoring the event as well as exhibiting again this year. We will also be providing a speaker for a talk on Crane Safety. Our General Manager, John Cole, will present an overview of the tools and checklists that will enable operators, riggers, inspectors and safety management teams to prevent safety violations, identify operational hazards and improve overall safety records of your

organization. Each audience member will receive a CD from CICB containing these checklists.

Please visit CICB at booth # 2

To attend or exhibit, please visit www.chconference.com



NCCCO TO OFFER CERTIFICATION FOR SIGNALPERSONS

Last month CICB sent Jerry Longtin, one of our senior instructor/inspectors and NCCCO Practical Examiner, to an NCCCO Signalpersons workshop to become a Practical Examiner for this certification. This is one of the two newest certifications that will be offered by NCCCO. The other program will be for a Riggers certification and that is due to be offered later on this year. Signalpersons play a vital role in the safe operations of cranes by providing the crane

operator with proper direction while he/she is in the operators cab. CICB will provide a preparatory course for this certification, much like the course we offer for candidates preparing to take the NCCCO written and practical tests for crane operations. In the NCCCO Signalperson preparatory course we will cover hand signals, voice signals, basic crane operations as well as applicable safety standards and regulations. (continued on page 2)

Test Your Knowledge! Rigging Considerations

- 1) What is the formula to determine the sling length when you only know the hook height and the distance from the center of gravity to the pick point?
- 2) What is the approximate weight of a cubic foot of steel?
- 3) How is the working load limit of wire rope determined?
- 4) What is the design factor for a Non-rotating wire rope?
- 5) What information should be Located on the label of a Synthetic web sling?
- 6) What is the safe working load for a 1-inch, 2 leg bridle 6 x 19 IWRC Improved Plow Steel wire rope sling, lifting at 60° horizontal angle?
- 7) Custom fabricated lifting devices should be tested at what percent of their rated capacity?
- 8) A 4,000-lb load is being hoisted with a two-leg bridle sling at a horizontal sling 30°. What is the tension on each leg?
- 9) The safe working load for hooks applies only when the l suspended from:
- 10) What is the safe working Load for a fiber rope sling Rated at 3000 pounds Catalog breaking strength?

Correction from the May Newsletter: Question #9 - the website listed the answer to the question as "Climber" but the correct answer is "A body belt shall be worn and a lanyard attached to the boom or basket."



Be Sure to Check Your Answers on the "Tips & Events" page at www.cicb.com

NCCCO TO OFFER CERTIFICATION FOR SIGNALPERSONS (continued)

The importance of being aware of potential hazards when working around cranes will be of the utmost importance in this course. Each candidate will be required to pass a written and practical examination to receive the NCCCO Signalperson Certification Card. NCCCO is offering these tests as one fee instead of two separate fees for the written and practical applications. The fee will be \$190 for both tests for brand new NCCCO candidates, but will be offered for \$100 to NCCCO Certified Crane Operators.

There are five categories that will be covered in the written test including Hand Signals, Voice Communications, Basic Knowledge of Crane Operations, Situational Awareness (site Specific Considerations) and Safety Standards and Regulations. Each of these topics were chosen because they are considered to be crucial topics

that all signalpersons should be knowledgeable and familiar with to perform their jobs in the safest manner. Although it is not federally mandated that signalpersons hold a certification, they do need to be qualified for their positions to avoid accidents including serious injuries or even death. In the event of an incident involving the use of a signal person, OSHA will ask for training documentation for all employees that were involved. The CICB training course is being offered as a one day program. We can offer the classes in sessions over several days, on-site at your facility to minimize downtime on your jobsites.

As part of the proposed revision to OSHA's construction crane standards, requirements are listed for signalpersons as well as riggers. Being ahead of the game for safety measures is best for all that are involved in crane

operations and training is important whether or not the proposed changes take affect. As previously mentioned, NCCCO is also currently working on a Certification for Riggers which will also require that each candidate pass a written and practical examination. As soon as this program is launched, CICB will send our NCCCO Practical Examiners to this workshop as well so that we are prepared to meet all the training and certification needs of our customers. CICB already offers qualification training for Riggers and Signalpersons alike, but the new NCCCO Certification tests will require that our instructors be qualified to administer the NCCCO practical exams and we are prepared to meet the challenge.

(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

CICB Safety Management Visit for You and Your Subcontractors

Andrea Williams, CICB

As most all of our readers are aware, CICB has been in the inspection and training business for almost forty years. We have a long standing relationship with many of our customers and we are proud to offer some of the best operator, inspector, rigger and safety management training available in the crane and heavy equipment industry. We also offer a service that we feel is more important now than ever before in light of the recent crane accidents around the country. CICB offers a full service safety management visit in which we evaluate your company and your subcontractors policies and procedures, as well as your compliance with the OSHA and ASME/ANSI regulations.

As part of our review we will evaluate daily operations at your facility by observation as well as a random sampling of tests that will be administered to certain employees and subcontractors in each job function. These include equipment operators, riggers, inspectors, signalpersons and other ground personnel, as well as your front line safety management teams.

Upon completion of the visit, we will sit down with you and go over areas that we have found to be in compliance as well as areas that may need some attention. Following the exit summary, you will also receive a written report from your CICB representative outlining each area that was reviewed, the standards in which it applies and the findings of that area. If it is found that certain employees may need additional training, we offer training services at a preferred rate to our safety analysis customers and their subcontractors. We will also extend preferred customer rates for inspection of any equipment; however, it is not required that you choose CICB as your training and inspection provider.

Some of the equipment accidents that have occurred this year could have been avoided if there had been stricter safety rules in place. Our goal is to make sure your job-site is as safe as possible and also that your records and training documents be up to date and in order in the event of an incident. It is evident now more than ever that the media attention to crane accidents alone can hurt the reputation of a reputable business. Preventative maintenance and planning is far easier, and cheaper, than the events that will follow in the wake of an accident, especially where there is a serious injury or death.

Most safety analysis visits can be completed within a five day period. Contact us today and we will send you an example of our safety management visit criteria as well as an example of an exit summary report. CICB will make every effort to work with you based on your time and budget constraints. We will not report any of our findings to any other party. This is a consulting service to ensure that your business and all of your subcontractors are operating in the safest manner possible in the areas of lifting and heavy equipment.



LAST CALL FOR RECIPES!!!

Back in 2004, CICB created a cookbook filled with 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**



"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."



Special Services Available:

**NCCCO Preparatory Training with Exams
Expert Witness
Third Party Equipment Inspections
Safety 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.