



CRANE OPERATOR CERTIFICATION - IMPACT OF OSHA RULE DELAY

**Mid-Atlantic Construction Safety
Conference**

May 5, 2015

*Joel Oliva, Director of Operations and Program
Development, National Commission for the
Certification of Crane Operators (NCCCO)*

National Commission for the Certification of Crane Operators



- NCCCO formed January 1995
- Independent, non-profit 501(c)6 organization
- Task: develop effective performance standards for operators, signalpersons, riggers, inspectors and all other crane personnel
- Provide a fair, independent and reliable assessment of knowledge and skill
- Does **NOT** provide training

CCO Certified: 100,000 & Counting



3

NCCCO Certifications by the Numbers



- 25 certifications in 10 categories
- 110,000 individuals certified (since inception)
- 83,000 currently certified
- More than 290,000 certifications issued
- 850,000+ tests administered
- 140+ training firms nationwide (unaffiliated)

Updated March 2015

Recognition



- ANSI Accreditation
 - Meet ISO/IEC 17024
- NCCA Accreditation
- Federal OSHA Agreement
- Other Federal Agencies
- State Adoption
- Labor Endorsement
- Employer Organizations



Available Certifications



- Mobile Crane Operator
 - Telescopic Boom—Fixed Cab (TSS)
 - Service Truck Crane Operator (STC)
 - Telescopic Boom—Swing Cab (TLL)
 - Lattice Boom Truck (LBT)
 - Lattice Boom Crawler (LBC)
- Tower Crane Operator
- Overhead Crane Operator
- Articulating Crane Operator
- Digger Derrick Operator

Available Certifications



- Signalperson
- Rigger
 - Level I
 - Level II
- Crane Inspector
 - Mobile Crane
 - Tower Crane
 - Overhead Crane
- Lift Director
 - Mobile Crane
 - Tower Crane

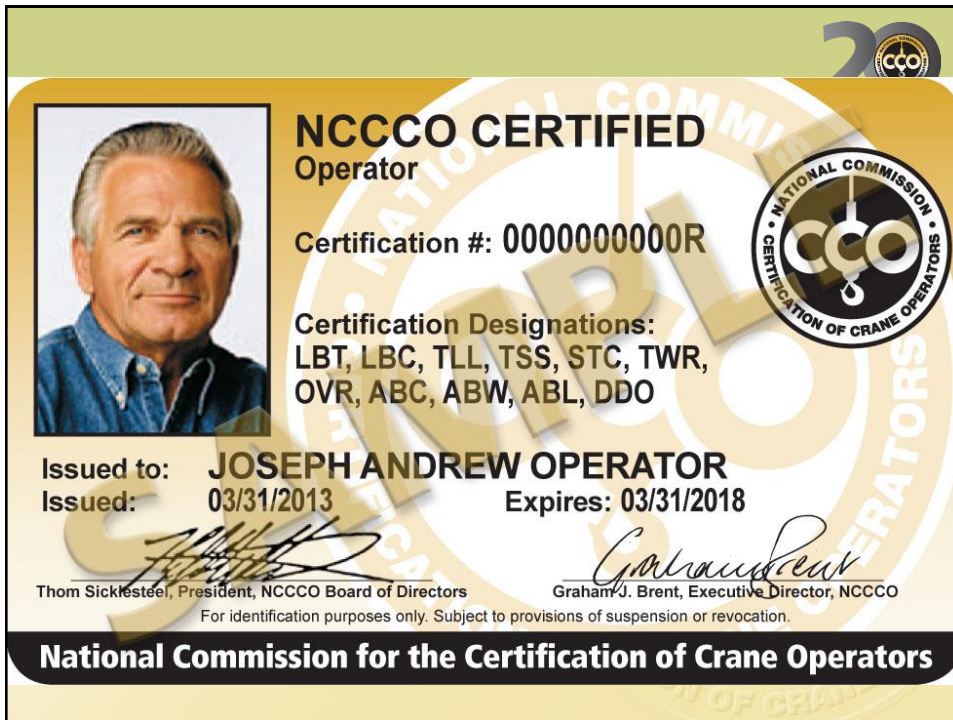


Employer Recognition Program



Committed to Crane Safety





NCCCO CERTIFIED
Operator

Certification #: 0000000000R

Certification Designations:
LBT, LBC, TLL, TSS, STC, TWR,
OVR, ABC, ABW, ABL, DDO

Issued to: **JOSEPH ANDREW OPERATOR**
Issued: 03/31/2013 Expires: 03/31/2018

Thom Sickelsteel
Thom Sickelsteel, President, NCCCO Board of Directors

Graham J. Brent
Graham J. Brent, Executive Director, NCCCO

For identification purposes only. Subject to provisions of suspension or revocation.

National Commission for the Certification of Crane Operators

OSHA SUBPART CC: “The Crane Rule”

Scope of Federal Rule



- Cranes and Derricks in Construction
 - OSHA Letters of Interpretation
 - Construction vs. Maintenance
- Operator Certification/Qualification
 - More than 2,000 lbs. of maximum rated lifting capacity
 - Excluded: Derricks, Sideboom cranes, Other Partial
- Cranes Covered
 - OSHA 1926.1400: Scope
 - Various Exclusions

11

The OSHA Certification Rule Issue



What does certification mean?

What should it look like?

Where do things stand?

12

Industry Grows Concerned




- Certification based on type *and capacity*
 - Fiscal impact
 - Equipment availability
 - Additional testing
- Change in Employer's Responsibilities
 - Role of certification. Equivalent to "qualified"?
- Status of Operators Certified prior to publication of the Rule AND any interpretations
- "Compliance Clock" is Running

13

NCCCO Takes Public Position





**NATIONAL COMMISSION
FOR THE CERTIFICATION
OF CRANE OPERATORS (NCCCO)**

[HOME](#) | [HANDBOOKS & FORMS](#) | [CCO STORE](#) | [CONTACT US](#) | [LOGIN](#) | [SEARCH](#)

CERTIFICATION QUICK LINKS	MOBILE CRANE OPERATOR	TOWER CRANE OPERATOR	OVERHEAD CRANE OPERATOR
	SIGNALPERSON	BIGGER	ARTICULATING CRANE OPERATOR
	CRANE INSPECTOR	DIGGER DERRICK OPERATOR	



NEWS CENTER

Recent Press Releases | Archived Press Releases | CCOOnline Archive | E-News Sign Up

Operator Certification and the New Crane Rule

There has been much discussion in the industry recently about the new crane rule (known officially as Subpart CC of 29 CFR 1926) and, in particular, the effect it might have on how crane operators are certified. Two of the primary issues that have generated most concern seem to be OSHA's position on certifying "by capacity and type" and the recertification requirements for those operators who are already certified. The National Commission for the Certification of Crane Operators (NCCCO) continues to be at the forefront of these discussions working closely with the industry and regulators alike. We thought it might be helpful, at this time, to share our position on these issues.

First, while we respect OSHA's position and the task the Directorate of Construction has been assigned in implementing the operator certification requirement, the rule requires that certification bodies be accountable to their accrediting agencies to ensure their tests are fair and relevant. While crane capacity is an element that needs to be considered in the development of crane operator certification exams, it is but one of many factors that industry experts consider as they establish the means by which operators' qualifications are assessed. CCO crane operator certification, which has been continuously accredited since 1998, has received several commendations from ANSI for its test integrity and validity, and was the first certification to be officially recognized by

"We will ensure that, no matter what the outcome of this industry dialogue, every crane operator holding a current CCO certification card will still have a valid certification, in full compliance with federal requirements, on November 10, 2014 when this provision takes effect."

- ABOUT NCCCO
- NEWS CENTER
- CERTIFICATION PROGRAMS
- RE-CERTIFICATION PROGRAMS
- TRAINING RESOURCES
- HOSTING CCO EXAMINATIONS
- PRACTICAL EXAMINER PROGRAM
- TEST SITE COORDINATOR LOGIN
- STATE LICENSING REQUIREMENTS
- MILITARY PERSONNEL
- FREQUENTLY ASKED QUESTIONS
- CRANE SAFETY STUDIES
- CCO OPERATOR PROFILES
- COMMITTED TO CRANE SAFETY
- EMPLOYER RECOGNITION PROGRAM

14

Summary of Activity 2013



- April 2-3, 2013 : OSHA-convened Stakeholder Meetings
- **May 22, 2013: OSHA announces intent to propose a delay**
- May 24, 2013: ACCSH recommends delay

15

OSHA's intent to extend...



OSHA Trade News Release

U.S. Department of Labor
OSHA, Office of Communications

May 22, 2013
Contact: Office of Communications
Phone: 202-693-1999

OSHA announces intent to extend compliance date for crane operator certification requirements

WASHINGTON – The Occupational Safety and Health Administration has announced that it will propose to extend the compliance date for the crane operator certification requirement by three years to Nov. 10, 2017. The proposal would also extend to the same date the existing phase-in requirement that employers ensure that their operators are qualified to operate the equipment.

OSHA issued a final standard on requirements for cranes and derricks in construction work on Aug. 9, 2010. The standard requires crane operators on construction sites to meet one of four qualification/certification options by Nov. 10, 2014. After OSHA issued

Rule Postponement Summary



- Delay regrettable but necessary
- Rule “needs to be fixed”
- OSHA has to use rulemaking process
- Industry (reluctantly) supports the postponement
- ACCSH endorsed OSHA intent
- **BUT . . . No “excuse” not to train and certify!**

17

Summary of Activity 2014



- **February 10: NPR for delay published**
- March 12: Comment period ended
- May 19: Public Hearing held
- July 10: Industry Coalition forms, meets at IUOE
- September 3: Coalition makes written appeal to Secretary Perez to rescind operator certification guidance
- September 25: OSHA announces extension to 2017
- October 23: OSHA release Compliance Directive
- October 29: Coalition for Crane Operator Safety (CCOS) Formal Announcement Press Release

OSHA issues proposed rule...



Trade Release



U.S. Department of Labor
Occupational Safety and Health Administration
Office of Communications
Washington, D.C.
www.osha.gov

For Immediate Release
Feb. 7, 2014
Contact: Office of Communications
Phone: 202-693-1999

OSHA issues proposed rule to extend compliance date for crane operator certification requirements

WASHINGTON – The Occupational Safety and Health Administration today issued a proposed rule to extend the compliance date for the crane operator certification requirement by three years to Nov. 10, 2017. The proposal would also extend to the same date the existing phase-in requirement that employers ensure that their operators are qualified to operate the equipment.

OSHA issued a final standard on requirements for cranes and derricks in construction work on Aug. 9, 2010. The standard requires crane operators on construction sites to meet one of four qualification/certification options by Nov. 10, 2014. After OSHA issued the standard, a number of parties raised concerns about the qualification/certification requirements. After conducting several public

Summary of Activity 2014



- February 10: NPR for delay published
- March 12: Comment period ended
- May 19: Public Hearing held
- July 10: Industry Coalition forms, meets at IUOE
- September 3: Coalition makes written appeal to Secretary Perez to rescind operator certification guidance
- **September 25: OSHA announces extension to 2017**
- October 23: OSHA release Compliance Directive
- October 29: Coalition for Crane Operator Safety (CCOS) Formal Announcement Press Release

OSHA issues final rule...



UNITED STATES
DEPARTMENT OF LABOR

Search
A to Z Index | En Español | Contact Us | FAQs |
About OSHA

OSHA

Newsletter RSS Feeds

Menu

Occupational Safety & Health Administration We Can Help

OSHA News Release - Table of Contents

OSHA Trade News Release

U.S. Department of Labor
OSHA, Office of Communications

Sept. 25, 2014
Contact: Office of Communications
Phone: 202-693-1999

OSHA extends compliance date for crane operator certification requirements

WASHINGTON – The Occupational Safety and Health Administration today issued a final rule¹ extending the deadline for crane operator certification requirements in the Cranes and Derricks in Construction final rule² published Aug. 9, 2010 by three years to Nov. 10, 2017. The rule also extends by three years the employer's responsibility to ensure that crane operators are competent to operate a crane safely. The final rule becomes effective Nov. 9, 2014.

During the three-year period, OSHA will address operator qualification requirements for the cranes standards including the role of operator certification. The

The "Top Ten" FAQs on OSHA's Delay of Its Crane Operator Certification Requirements



**National Commission
for the Certification
of Crane Operators**
2750 Prosperity Ave.
Suite 505
Fairfax, VA 22031
703-560-2391 phone
703-560-2392 fax
info@nccco.org
www.nccco.org
An ANSI Accredited
Certifier

- 1 What exactly has OSHA done—and why?**
OSHA has extended the implementation date of its crane operator certification requirements by three years to 2017. This will allow it time to address issues such as "certifying by capacity" and whether certification really means the same as qualification—issues that the industry has been complaining about since the rule was published almost four years ago.
- 2 How long will this take?**
It's always hard to predict the timing of action by the federal government but OSHA began the process of collecting information from contractors and rental firms last year that will assist the Directorate of Construction in drafting language for a Proposed Rule on these issues. OSHA's challenge will be to keep this process moving at a pace that will allow for a Final Rule to be published before the new (November 2017) deadline.
- 3 Why can't OSHA simply make the changes the industry has said it wants?**
Because this will require changes to some of the language in the rule, including language that OSHA added in 2010 after the public comment period had expired. This can only be done by further rulemaking.
- 4 What happens after OSHA publishes the Proposed Rule?**
There will be an opportunity for public comment and OSHA may even hold one or more public hearings. After OSHA has reviewed all the comments, and the financial effects of the proposed rule on business have been evaluated, OSHA will publish a final rule.
- 5 What happens in the meantime?**

Summary of Activity 2014



- February 10: NPR for delay published
- March 12: Comment period ended
- May 19: Public Hearing held
- July 10: Industry Coalition forms, meets at IUOE
- September 3: Coalition makes written appeal to Secretary Perez to rescind operator certification guidance
- September 25: OSHA announces extension to 2017
- October 23: OSHA release Compliance Directive
- **October 29: Coalition for Crane Operator Safety (CCOS) Formal Announcement Press Release**

Coalition for Crane Operator Safety (CCOS)



The Coalition for Crane Operator Safety (CCOS) is a group of national labor, construction management, equipment manufacturers, insurance underwriters, and accredited certification organizations dedicated to ensuring swift and effective resolution of the long-awaited OSHA Crane Operator Certification Standard.

Coalition for Crane Operator Safety (CCOS)



- Continue dialogue with Directorate of Construction and provide guidance
- Inform Department of Labor of issues to help keep pressure on OSHA
- Begin outreach to Congress through oversight/appropriations to influence OSHA office
- Official letter from Congressional Oversight Committee to Assistant Secretary Dr. David Michaels

25

Summary of Activity 2015



- January 15: OSHA announces working on draft regulatory language to address certification vs. qualification addressing “gap”
- **March 2: OSHA releases draft regulatory language and schedules ACCSH meeting**
- March 30 – April 1: ACCSH meetings held
- Main industry concerns include employer evaluation process, controlling entity, trainer qualifications

26

OSHA Draft Regulatory Text



Draft proposed crane operator qualification regulatory text for ACCSH review Feb. 24, 2015

Draft proposed crane operator qualification regulatory text for March 31, 2015 ACCSH meeting

[all cranes and derricks are referred to as "equipment" in the regulatory text below]

1. Amend § 1926.1427 as follows:

- a. Revise paragraphs (a) through (f) to read as follows:
- b. Remove and reserve paragraph (g).
- c. Revise paragraphs (h), (j) and (k) to read as follows:

§ 1926.1427 Operator qualification

- (a) (1) Employers must ensure that each operator is trained, certified / licensed, and evaluated in accordance with this section before operating any equipment covered under subpart CC, except for the equipment in paragraph (a)(3).

Regulatory Text Changes



- Operators to be trained, certified **and** evaluated
- Detailed evaluation on "each equipment" at least annually
 - Appendix D
- Ability for controlling entity to conduct evaluation

Summary of Activity 2015



- January 15: OSHA announces working on draft regulatory language to address certification vs. qualification addressing “gap”
- March 2: OSHA releases draft regulatory language and schedules ACCSH meeting
- March 30 – April 1: ACCSH meetings held
 - Overwhelmingly unified industry response opposing evaluation process as proposed

29

Let's Not Forget...



- Requirement to certify by capacity
- Certification = Qualification

BOTH GONE!

30

Standing Behind CCO Certification



*“We will ensure that, no matter what the outcome of this industry dialogue, **every crane operator holding a current CCO certification card will still have a valid certification**, in compliance with federal requirements, on November 10, 2017 when this provision comes into effect.”*

31

Proposed Amendments



- Forklifts:
 - Change language so they must be equipped with a telescoping boom **and** hoist to be covered by the rule
- Proximity Alarms/Insulated Links
 - Change requirements since neither type has been accepted by a “nationally recognized testing laboratory” as required by the rule
- Power Line Clearance
 - Clarify meaning of “demarcation of boundary”; standardize on “minimum clearance distance”
- Add Omitted Definitions
 - Digger derrick, duty cycle, multi-purpose machine, repetitive lifts
- Materials Delivery Exclusion
 - Clarify when articulating cranes used in materials delivery are excluded
- Hand Signals
 - Amend Appendix A to correct an error in chart
- Grammatical Revisions
 - Restore “must” in certain places where it had been replaced by “shall”
- Stabilizer Position Sensor/Monitor
 - Not required for all Articulating Cranes

Signalperson Requirements



1926.1419(a)

- All workers who will participate in signaling or flagging a crane, giving direction as to where and what will be lifted, must be qualified
 - Point of operation not in full view of operator
 - View of direction of travel is obstructed
 - Site-specific safety conditions
- **Effective Date: November 8, 2010**

33

Rigger Qualifications



- 1926.1401: Definitions: A *qualified rigger* is defined as a qualified person
 - Qualified Person: *a person who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, successfully demonstrated the ability to solve/resolve problems relating to the subject matter, the work, or the project.*
- A qualified rigger is required for certain conditions
 - During assembly/disassembly
 - Employees within the “fall zone” (1926.1401)
- **Effective Date: November 8, 2010**

34

Other Personnel



- Lift Director
 - Mentioned 3 times (1926.1419, 1421, 1432)
 - No official definition in Subpart CC
- Crane Inspectors
 - Competent Person
 - Qualified Person
 - Required qualification is dependent upon type of inspection

35



What You Can Do... Get Involved!

36

What You Can Do...



- Run training/prep programs
 - Train-the-trainer programs available
 - Become an NCCCO practical examiner
 - Can administer practical exams on-demand
- Find a local training provider
- Be recognized
- Send them to us!

37

Training Providers



NEW CENTER

CERTIFICATION PROGRAMS
 RECERTIFICATION PROGRAMS
 TRAINING RESOURCES
 HOSTING CCO EXAMINATIONS
 PRACTICAL EXAMINER PROGRAM
 TEST SITE COORDINATOR LOGIN
 STATE LICENSING REQUIREMENTS
 MILITARY PERSONNEL
 FREQUENTLY ASKED QUESTIONS
 CRANE SAFETY STUDIES
 CCO OPERATOR PROFILES

Please help NCCCO
 improve its website
 by completing a short survey.

NCCCO EMPLOYMENT
 OPPORTUNITIES

TEST DATES & LOCATIONS

Find out when and where the next
 tests are being administered.
 Computer Based Testing (CBT)

TRAINING RESOURCES

[Training Policy](#) | [Reference Materials](#) | [Training Providers](#)

List of Training Providers

No endorsement by the National Commission for the Certification of Crane Operators (NCCCO) is intended or implied in this listing. Accuracy of this information is the responsibility of the submitting party.

Delivery Legend:

MBL = Mobile Crane Training Offered
 TWR = Tower Crane Training Offered
 OVR = Overhead Crane Training Offered
 ACO = Articulating Crane Training Offered
 SGP = Signalperson Training Offered
 RIG I = Rigger - Level I Training Offered
 RIG II = Rigger - Level II Training Offered

A = Training offered at scheduled location
 B = Training offered at client's location
 C = CCO Practical Exam offered at own site
 D = CCO Practical Exam offered at client's location

Please note that some organizations conduct training outside of the state in which they are headquartered. Please check the company's Area of Operation to see what area(s) of the country the firm conducts training.

Training Firms Headquartered in AK

Alaska Crane Consultants

<http://nccco.org/training/traincompanies.html>

Open Written Exam Sites



TEST DATES AND LOCATIONS

CCO examinations are offered on demand at sites nationwide. Following is a list of the "open" written test sites. If you represent an employer or an organization, you can find out how to establish your site as an official NCCCO Test Site by downloading the Test Site Coordinator Handbooks for the [Written Exam](#) and the [Practical Exam](#).

If you are a candidate wishing to schedule a practical exam, you should, in the first instance, contact the Test Site Coordinator who organized your written exam. If you need assistance, please [email](#) us. You can download a Candidate Application for the Practical Exam or the complete Candidate Handbook for [Mobile Cranes](#), [Tower Cranes](#), [Overhead Cranes](#) and [Articulating](#).

Employers or organizations may schedule a practical exam at their own facility and either retain the services of an NCCCO-accredited practical examiner, [click here for a current list](#) or have one or more of their own employees accredited by NCCCO as a practical examiner, [click here for details](#). Some areas are also served by permanent [NCCCO practical test sites](#) [click here for a current list](#).

NEW - [CLICK HERE TO FIND COMPUTER BASED TESTING \(CBT\) INFORMATION](#).

Below are paper/pencil exam administrations for Mobile, Tower, Overhead and Articulating programs, find [Signalperson Exam Administrations here](#), or find the [Rigger and Signalperson exam together here](#). Please be sure to contact the Test Site Coordinator to ensure availability of testing space and to obtain the test administration number.

MOBILE, TOWER, OVERHEAD and ARTICULATING EXAM ADMINISTRATIONS (Find [Signalperson Exam](#) & [Rigger Exam Administrations](#))

October 2011

10/29/2011

ABOUT NCCCO

NEWS CENTER

CERTIFICATION PROGRAMS

RE-CERTIFICATION PROGRAMS

TRAINING RESOURCES

HOSTING CCO EXAMINATIONS

PRACTICAL EXAMINER PROGRAM

TEST SITE COORDINATOR LOGIN

STATE LICENSING REQUIREMENTS

MILITARY PERSONNEL

FREQUENTLY ASKED QUESTIONS

CRANE SAFETY STUDIES

CCO OPERATOR PROFILES

Please help NCCCO improve its website by completing a short survey.

NCCCO EMPLOYMENT OPPORTUNITIES

<http://nccco.org/general/testsites.html>

Computer-Based Testing (CBT)



Apply for Written Exams

Computer Based Testing (CBT)

Traditional Paper Pencil Testing

[Home](#) | [Contact Us](#) | [Who We Are](#) | [Staff](#)

delivery has become a very convenient and popular method for candidates to complete the written examinations in a very comfortable and secure environment.

Written examinations via Computer Based Testing (CBT) are available for the following NCCCO Certification Programs:

- Mobile Crane Operator (including recertification exams)
- Tower Crane Operator (including recertification exams)
- Overhead Crane Operator (including recertification exams)
- Signalperson
- Articulating Crane Operator
- Rigger Level I and Rigger Level II (including recertification)
- Crane Inspector - **Now Available!**
- Digger Derrick Operator - **Now Available!**

CBT testing centers are available in all 50 states nationwide.

Locate a CBT testing center by clicking here.

For specific certification requirements for each NCCCO program please refer to the appropriate candidate handbook ([available for download here](#)).

For CBT exam pricing please [click here](#).

[Submit a CBT Application](#)

- Mobile Crane Operator
- Tower Crane Operator
- Overhead Crane Operator
- Articulating Crane Operator
- Signalperson
- Rigger

FAQs

Candidate Resources

- Handbooks and Forms
- NCCCO Card Order Form

Privacy Policy
Terms and Conditions
Site Map

2013 Copyright International Assessment Institute, Inc. All rights reserved
600 Cleveland St., Suite 900, Clearwater, FL 33755 USA
727-449-0525 | info@iaiaexam.com

Website Development and Design by ACF Consulting

<http://www.iaiaexam.com/computer-based-testing.aspx>

Permanent Practical Exam Sites




**NATIONAL COMMISSION
FOR THE CERTIFICATION
OF CRANE OPERATORS (NCCCO)**

NCCCO Home Page

CERTIFICATION QUICK LINKS ➤

MOBILE CRANE OPERATOR	TOWER CRANE OPERATOR	OVERHEAD CRANE OPERATOR
SIGNALPERSON	RIGGER	ARTICULATING CRANE OPERATOR

NCCCO PRACTICAL TEST SITES

*denotes Practical Examiner with a portable unit also
+denotes Practical Examiner with portable unit only

Crane Codes:	TLL - Telescopic Boom Crane - Swing Cab
	TSS - Telescopic Boom Crane - Fixed Cab
	LB - Lattice Boom
	TWR - Tower Crane
	OVR - Overhead Crane

If you do not see a Permanent Test Site in your area, you could also [hire a practical examiner](#) to come to your facility or ask if they are aware of additional test sites in your area.

Test Sites Located in the State of AZ

Organization: Southwest Industrial Rigging
Location: Phoenix
Available Cranes: TLL, TSS

<http://nccco.org/general/opensites.html>

Practical Examiners for Hire




CERTIFICATION QUICK LINKS ➤

MOBILE CRANE OPERATOR	TOWER CRANE OPERATOR	OVERHEAD CRANE OPERATOR
SIGNALPERSON	RIGGER	ARTICULATING CRANE OPERATOR

PRACTICAL EXAMINERS FOR HIRE

The following Accredited Examiners are available for hire to administer the practical exam(s) only in the area(s) in which they are Accredited.

Areas Accredited Codes:

LB - Lattice Boom	TLL - Large Telescopic	TSS - Small Telescopic
TWR - Tower Crane	OVR - Overhead Crane	SGP - Signalperson
RIG - Rigger I	ABC - Articulating Boom Crane	ABL - Articulating Boom Loader
RIGII - Rigger II		

Examiners Located in the State of AK

Larry Graham
Company: IUOE Local 302
Location: Anchorage, AK
Phone: 907-561-5044
Fax: 907-561-3672
Email Address: mhigh@oci.net
Accreditation Number: 062
Areas Accredited: LB TLL TSS
Certification Expires: 2/28/2012

<http://nccco.org/general/examhire.html>

Become a Practical Examiner



- Two or Three Day Workshop
- Held all over the country at various host sites
 - Always seeking workshop hosts
 - Includes 2 complimentary spots
- Learn how to set up practical exam course
- PE Candidates will observe a field demonstration of the practical exam and receive instruction on use of score sheets
- Required to be (or become) certified as an operator
- Upon completion, able to administer NCCCO practical exams to anyone, anywhere in the country.
- Can establish permanent test site or “travel” to different sites for exam delivery

Preparing Candidates



- NCCCO Candidate Handbooks
- Written Exam Content Domain Outlines
- Reference List
- Sample Questions
- Load Charts
- Candidate Videos

<http://www.nccco.org/nccco/certification-programs/mobile-crane-operator>

Thank you! Questions?



- OSHA Resources
 - www.osha.gov/cranes-derricks/index.html
 - Compliance Assistance Guide for Small Business
 - Fact Sheets
 - OSHA PowerPoint Presentation
 - Frequently Asked Questions (rev. May 10, 2012)
 - Final Rule documents (especially the Preamble)
- NCCCO Rule Reopening Resource Center
 - <http://www.nccco.org/general/oshas-crane-rule>
 - NCCCO Guide to OSHA's Personnel Certification and Qualification Requirements
- Contact Us:
 - Joel Oliva, joliva@nccco.org or 703-560-2391 ext. 209