



5TH NCCCO FOUNDATION Industry Forum

Tools You Can Use *How the NCCCO Foundation Directories can help you navigate compliance and adopt best practices*

Graham Brent, CEO, NCCCO Foundation

October 29, 2020

NCCCO

FOUNDATION

5TH NCCCO FOUNDATION
Industry Forum

The NCCCO Foundation

- *501(c)3 Charitable Organization formed in 2018*
- *Governing body: NCCCO Foundation Board of Directors*
 - *President: J. Chris Ryan, Boh Bros (rtd)*
 - *Vice President: Peter Juhren, Morrow Equipment*
 - *Secretary/Treasurer: Tim Watters, Hoffman Equipment*
 - *Director: Garry Higdem, Mario Sinacola & Sons*
 - *Director: Ingo Schiller, Tadano America*
 - *Director: Kerry Hulse, Deep South Crane & Rigging*
- *Mission: To promote **industry safety** by:*
 - ***educating** and **advocating** for personnel safety and certification,*
 - *performing **research** to improve standards and certification protocols,*
 - ***making certification possible** for more individuals by providing scholarships for training and certification programs.*

Workforce Development: Youth Outreach



Veterans Outreach



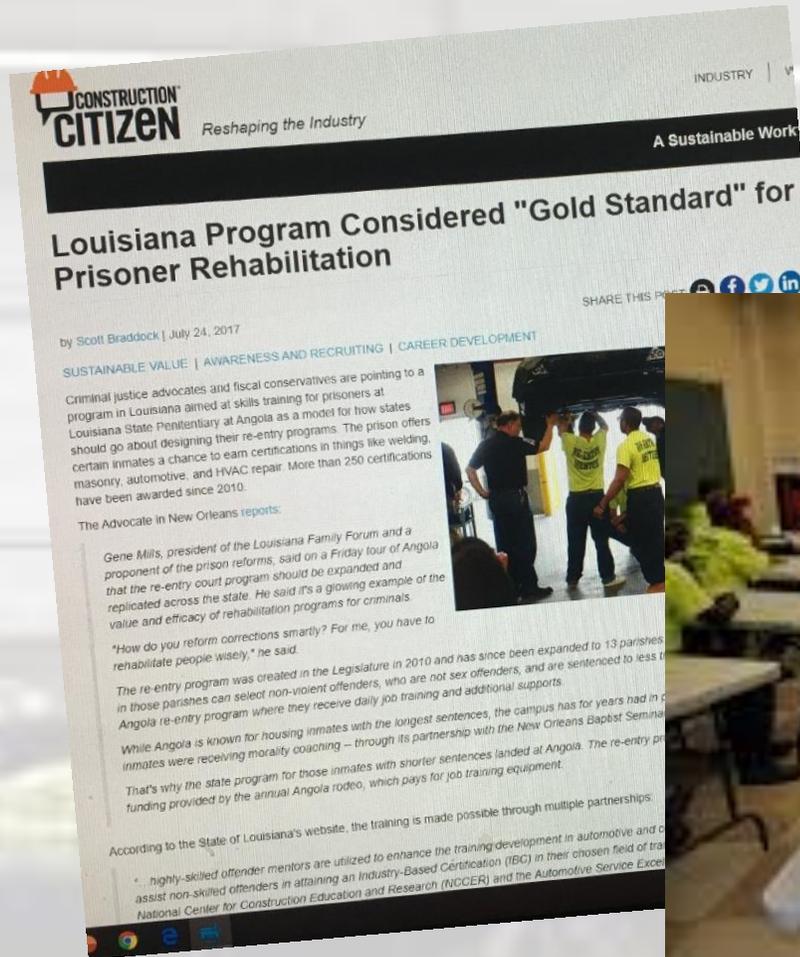
THE AMERICAN LEGION



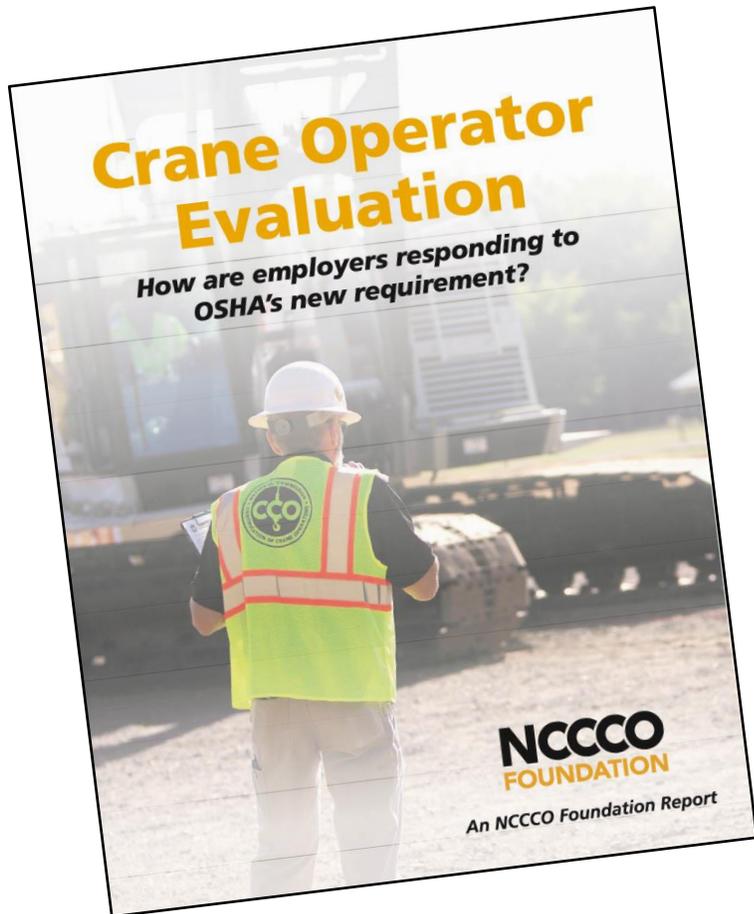
DoD SKILLBRIDGE

5TH NCCCO FOUNDATION
Industry Forum

Offender Re-Entry



Research Studies



Safety
Information
Research
Education
Network



Free download at:
ncccofoundation.org

Two Online Directories

- ***Who's Accredited?* Directory**
- ***Most Similar Certifications* Directory**
- **What do they have in common?**
 - OSHA Crane Operator Certification Requirements
 - 1926.1427(c)(2) *Certification*. When an operator is not required to be licensed under paragraph (c)(1) of this section, **the operator must be certified** in accordance with paragraph (d) or (e) of this section.
 - 1926.1427(d)(1) For a certification to satisfy the requirements of this section, **the crane operator testing organization providing the certification must [1926.1427(d)(1)(i)] be accredited by a nationally recognized accrediting agency** based on that agency's determination that industry-recognized criteria for written testing materials, practical examinations, test administration, grading, facilities/equipment, and personnel have been met.

The *Who's Accredited?* Directory

- OSHA's Final Rule on crane operator qualifications requires crane operators to be certified [29 CFR 1926.1427(c)(2)].
- Certification must be from an “accredited”
- Rationale for the *Directory*:
 - Industry uncertainty regarding status of Certification Body status
 - Need for independent, reliable and accurate information
 - Clarification as to the *certification programs* accredited
 - “One-Stop Shop” for latest information, from original sources, regularly updated

Who's Accredited to Certify?

- Accredited by ANSI/ANAB
 - **NCCCO** – National Commission for the Certification of Crane Operators
 - **NCCER** – National Center for Construction Education and Research
 - **EICA** – Electrical Industry Certifications Association
- Accredited by NCCA
 - **OECP** – Operating Engineers Certification Program
- Verify at the source:
 - For ANSI: <https://anab.ansi.org/credentialing/>
 - For NCCA: www.credentialingexcellence.org/nccadirectory



The Who's Accredited? Directory

ncccofoundation.org/whos-accredited

ncccofoundation.org

NCCCO FOUNDATION

DIRECTORY OF ACCREDITED CRANE OPERATOR CERTIFICATION PROGRAMS

Revised October 26, 2020

This Directory lists all the crane operator certification programs that are currently accredited by a nationally recognized accrediting body (ANSI or NCCA), as required by OSHA under 29 CFR 1926 Subpart CC, along with the expiration date of the accreditation. Crane-related certification programs (such as rigger or signalperson) are also listed if accredited.

The Directory is organized into three Sections:

SECTION 1: LIST OF ACCREDITED CERTIFICATION ORGANIZATIONS

SECTION 2: LIST OF ACCREDITED CERTIFICATION PROGRAMS

SECTION 3: LIST OF CERTIFICATION ORGANIZATIONS NO LONGER ACCREDITED AND/OR RECOGNIZED

Crane operator and crane-related certification programs not listed in this Directory are not accredited. Note that not all certification programs offered by any one certification organization are necessarily accredited; only those that are accredited are listed here. Also, both accrediting bodies (ANSI and NCCA) require annual reviews of the programs accredited within their five-year accreditation period. Certification organizations must successfully pass their annual reviews in order to remain accredited.

Employers should check with the online directories maintained by the accrediting bodies to ensure the accreditation is current. For ANSI go to: <https://bit.ly/3jrb9GP> For NCCA go to: <https://www.credentialingexcellence.org/ncccdirectory>

SECTION 1: ACCREDITED CERTIFICATION ORGANIZATIONS

EICA - Electrical Industry Certifications Association
 NCCCO - National Commission for the Certification of Crane Operators
 NCCER - National Center for Construction Education and Research
 OECP - Operating Engineers Certification Program

SECTION 2: LIST OF ACCREDITED CERTIFICATION PROGRAMS

CERTIFICATION ORGANIZATION	ACCREDITED THROUGH
ELECTRICAL INDUSTRY CERTIFICATIONS ASSOCIATION (EICA)	9/22/2022
Accredited by the ANSI NATIONAL ACCREDITATION BOARD	
Digger Derrick	9/22/2022
Rotating-Control Crane	9/22/2022
Stationary-Control Crane	9/22/2022
NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND RESEARCH (NCCER)	
Crawler Mount Crane	12/8/2023
Industrial/All Purpose Crane	12/8/2023
Rough Terrain/All Terrain	12/8/2023
Rubber Tire Truck Mount Crane	12/8/2023
NATIONAL COMMISSION FOR THE CERTIFICATION OF CRANE OPERATORS (NCCCO)	
Mobile Crane Operator:	9/10/2022

Accredited by the ANSI NATIONAL ACCREDITATION BOARD

Lattice Boom Crawler Cranes	
Lattice Boom Truck Cranes	
Telescopic Boom Cranes—Swing Cab	
Telescopic Boom Cranes—Fixed Cab	
Telescopic Boom—Swing Cab Restricted	
Telescopic Boom—Fixed Cab Restricted	
Boom Truck—Fixed Cab	
Service Truck Crane Operator	9/10/2022
Articulating Crane Operator:	9/10/2022
Articulating Boom Crane	
Articulating Boom Crane w/Winch	
Articulating Boom Loader	
Digger Derrick Operator	9/10/2022
Tower Crane Operator	9/10/2022
Overhead Crane Operator	9/10/2022
Rigger Level I	9/10/2022
Rigger Level II	9/10/2022
Signalperson	9/10/2022
Crane Inspector:	9/10/2022
Mobile Crane Inspector	
Tower Crane Inspector	
Overhead Crane Inspector	
Lift Director:	9/10/2022
Mobile Cranes	
Tower Cranes	

OPERATING ENGINEERS CERTIFICATION PROGRAM (OECP)

Accredited by the National Commission for Certifying Agencies (NCCA)

Boom Truck Crane Operator	1/31/2021
Lattice Boom Crane Operator	1/31/2021
Overhead Crane Operator	1/31/2021
Telescopic Boom Crane Operator	1/31/2021
Tower Crane Operator	1/31/2021

SECTION 3: LIST OF CERTIFICATION ORGANIZATIONS NO LONGER ACCREDITED AND/OR RECOGNIZED

CERTIFICATION ORGANIZATION	Certifications/Recertifications not accepted if issued on/after:
CRANE INSTITUTE CERTIFICATION (CIC)	
FEDERAL OSHA: No longer accepts CIC Certifications and Recertifications	December 2, 2019
State of Pennsylvania: Status as a certifying organization suspended	November 20, 2019
State of Hawaii: Telescoping boom crane operator certifications	May 31, 2018
State of Hawaii: Lattice boom crane operator certifications	August 31, 2018

This Directory is provided as a public service by the NCCCO Foundation. Visit us at ncccofoundation.org or on LinkedIn



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The *Most Similar Certifications* Directory

- OSHA's Final Rule on crane operator qualifications requires crane operators to be certified [29 CFR 1926.1427(c)(2)].
- However, **where no accredited certification exists** OSHA states that “an operator will be deemed to have complied with the certification requirements of this section if the operator has been certified for the type that is **most similar** to that equipment.
- BUT, how are those “most similar” determinations to be made, and by whom?
- OSHA “does not believe it is in the best position” to make these determinations.

Most Similar Certifications Directory

CTAG
CRANE TYPE ADVISORY GROUP

cranetype@ncccofoundation.org

CTAG: A Brief History

- Formed May 2017 by the National Commission for the Certification of Crane Operators
- Activities transferred to the NCCCO Foundation Fall 2019
- 14 Crane Industry Experts
 - 500+ collective hours of crane experience
 - All major crane types
 - Broad range of industries
- Met 12+ times
- Made 25+ “Most Similar” Determinations
- *Most Similar Certifications* Directory unveiled August 2020

Crane Type Advisory Group (CTAG)

Mission

To provide authoritative advice and direction to employers and crane operators as to the appropriate certification for operators of different types of cranes

Vision

To ensure that no type of crane is left undocumented as to the appropriate certification required by the operator of that type of crane

CTAG Members



Dave Foster



Tony Dotto



Dave Ritchie, *Chair*



Jim Jacobs



Brian Haight



Fred Simmons

CRANE TYPE ADVISORY GROUP (CTAG)



Pete Laux



Ron Overton



Stephanie Wood



Derek Sather



Chris Smith

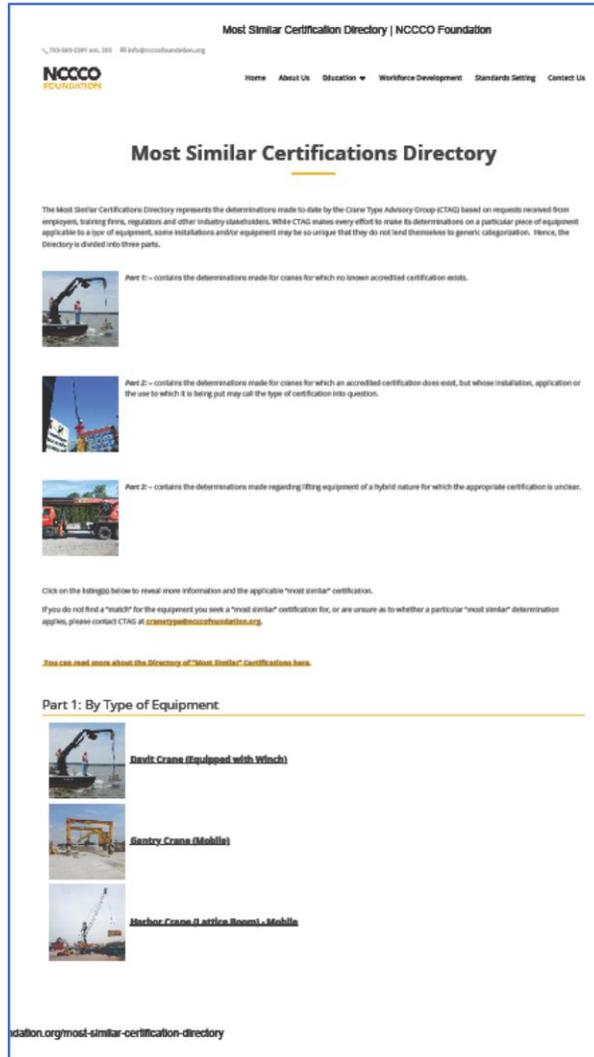


Chris Trembl

Need for *Most Similar* Determinations



The *Most Similar* Certifications Directory



ncccofoundation.org/most-similar

Part 1: Type of Equipment — determinations made for cranes for which no known accredited certification exists.

Part 2: Type of Installation — determinations made for cranes for which an accredited certification does exist, but whose *installation, application or the use* to which they are being put may call the type of certification into question.

Part 3: By Specific Model/Brand — determinations made regarding a specific *brand and/or model* of lifting equipment with unique characteristics for which the appropriate certification is unclear. The determinations may also apply to similar equipment made by other manufacturers.

The MSC Directory – Example 1: Crane Type



NCCCO FOUNDATION Home About Us Education Workforce Development Standards Setting Regulatory Contact Us

Most Similar Certifications Directory

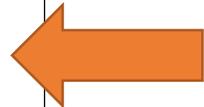
The Most Similar Certifications Directory represents the determinations made by the [Crane Type Advisory Group \(CTAG\)](#) based on requests received from employers, training firms, regulators and other industry stakeholders.

This Directory is maintained in an effort to assist industry in determining whether an operator may be deemed qualified to operate equipment in situations where no accredited testing organization offers certification for that particular equipment type.

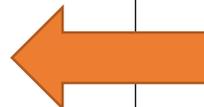
Learn more about how the NCCCO Foundation is [Navigating a Pathway to Certification](#) with the assistance of CTAG

While CTAG makes every effort to make its determinations on a particular piece of equipment applicable to a type of equipment, some installations and/or equipment may be so unique that they do not lend themselves to generic categorization. Hence, the Directory is divided into three parts.

- Part 1: Type of Equipment** — containing the determinations made for cranes for which no known accredited certification exists.
- Part 2: Type of Installation** — containing the determinations made for cranes for which an accredited certification does exist, but whose installation, application or the use to which they are being put may call the type of certification into question.
- Part 3: By Specific Model/Brand** — containing the determinations made regarding a specific brand and/or model of lifting equipment with unique characteristics for which the appropriate certification is unclear. The determinations may also apply to similar equipment made by other manufacturers.



- Prestressed Crane (Telescopic Boom) - Jibing Crane
- Pick and Carry Crane (Non-Rotating Boom)
- Pipelayer Crane (Rotating Boom)
- Portal Crane
- Precast Launcher



Precast Launcher
Most Similar Certification: Overhead Crane

The MSC Directory – Example 2: Type of Installation



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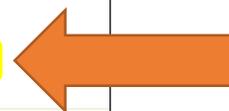


Part 2: By Type of Installation

- Articulating Boom Crane (Installed on Tower Mast)
- Telescopic Boom Crane (Trailer-Mounted)
- Wind Turbine Service Crane
- Wind Turbine-Mounted Derrick**

Part 3: By Specific Model/Brand

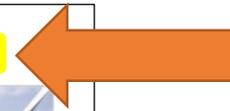
- Palfinger PK 480 TX
- Pectibone Speed Swing



Wind Turbine-Mounted Derrick

Most Similar Certification: **Telescopic Boom Crane - Fixed Cab**

Shown: Ultra LT1000



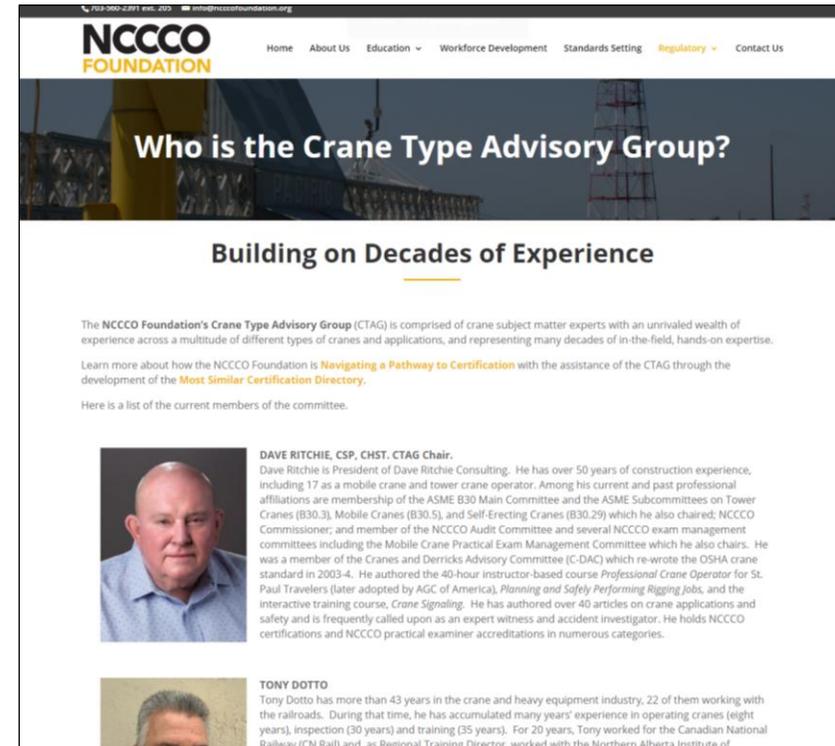
The Most Similar Certifications Directory

ncccofoundation.org/directory-of-most-similar-certifications

ncccofoundation.org/who-is-the-crane-type-advisory-group



The screenshot shows the top navigation bar of the NCCCO Foundation website with links for Home, About Us, Education, Workforce Development, Standards Setting, Regulatory, and Contact Us. The main heading is "Directory of 'Most Similar' Certifications" with a sub-heading "Navigating a Pathway to Compliance". The text discusses OSHA's Final Rule on crane operator qualifications and the role of the Crane Type Advisory Group (CTAG) in developing the "Most Similar Certification Directory".



The screenshot shows the top navigation bar of the NCCCO Foundation website. The main heading is "Who is the Crane Type Advisory Group?" with a sub-heading "Building on Decades of Experience". The text describes the NCCCO Foundation's Crane Type Advisory Group (CTAG) and lists current members: Dave Ritchie, CSP, CHST, CTAG Chair, and Tony Dotto.

The Most Similar Certifications Directory

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Tools You Can Use

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THANK YOU FOR YOUR ATTENTION

October 29, 2020