

Crane/Digger Certifications and Tracking

Update on Electrical Industry Certifications Association & Safety Wallet Certification Tracking System



1



EICA Update:



ISO/IEC 17024
Personnel Certification Program
#1211
Digger Derrick
Rotating Control Crane
Stationary Control Crane

2



NECA SAFETY PROFESSIONALS CONFERENCE



**Scope of Certification:
Digger Derrick**

EICA has one type (scheme) of "Digger Derrick" certification. This certification type is not limited by capacity or control station type. In addition, the certification process is intended to incorporate the use of Digger Derivatives in proximity to electrical power lines.

Digger Derivatives (line trucks or bucket trucks) have a telescoping main boom, are equipped with an auger, pole guides, and travel using tracks or wheels.

Digger Derrick Certification (DD): The swing, boom, hoist, telescope, auger, pole guides and other basic control functions may or may not rotate along with the boom sections. The operator may operate from a seat attached to the upper rotating structure above the pedestal that rotates with the boom or stand at a fixed control or swing control station that do not rotate with the boom. Outriggers are generally controlled from separate frame-mounted controls. Digger Derivatives have capacities that range from only 2 to 30 tons, to many cases one of the boom extension sections will be a non-extendible and non-conducting stage that is used to isolate and insulate the Digger Derrick in case of accidental conductor contact.

Operators that have obtained an EICA Digger Derrick certification, and are electrically qualified, have sufficient knowledge, skills, and abilities of operating a digger derrick around the minimum approach distances in proximity of high voltage power lines. The EICA Digger Derrick certification demonstrates that the operator understands OSHA's rules regarding digger derrick in construction and maintenance of transmission and distribution lines. Operators that obtain an EICA Digger Derrick Certification understand the machine's load chart capacity ratings and how to calculate loads. Candidates that have successfully completed the EICA Digger Derrick certification program will be able to demonstrate safe work operations and compliance with industry standards. EICA certified personnel are knowledgeable in site setup, inspection, operation, use of attachments, and machine movement.

Crawler or wheeled machines (with augers and pole guides)

- Wheel mounted Digger Derrick - swing, single control station
- Wheel mounted Digger Derrick - stationary or rotating control stations
- Track equipped Digger Derivatives - stationary or rotating control stations

The certification requirements for the Digger Derrick type follow:

- The Digger Derrick certification requires passing the EICA General exam and the Digger Derrick Specialty exam.
- EICA, through operations and technical knowledge review, determined that EICA's General exam share many similarities between Crawler and Digger Derivatives general safety, power systems, electrical line operations, travel, setup, personnel platform use, and shutdown procedures as identified in the Job Task Analysis and Content Outline.
- The Digger Derrick Specialty exam addresses only specific issues related to Digger Derrick operations, their attachments and load limit use.
- Digger Derrick certification is awarded upon successful completion of the General Exam, Digger Derrick Specialty Exam and Digger Derrick Practical Exam for any control type load above.
- Crane certification equivalent to type (Stationary or Rotating) can also be satisfied by using Digger Derivatives since Tasks 1, 2, 3, 4, 6, and 8 are conducted in the same manner and under the same testing conditions for both Crawler and Digger Derivatives.
- Cranes with augers and pole guides may satisfy both the Digger Derrick and Crane certification requirements

Scope of Certification Digger Derrick Control Station 5/1/2020



**Scope of Certification:
Rotating Control Cranes**

EICA has two separate types (schemes) of "Crane" certification: Rotating Control and Stationary Control. The crane certification types are not limited by capacity. In addition, the certification process is intended to address the use of Cranes in proximity to electrical power lines.

Rotating Control cranes have a telescoping main boom that travels using tracks or wheels.

Rotating Control (RC): The swing, boom, hoist, telescope, and other basic control functions rotate along with the boom sections. The operator is housed in a cab or sits on a seat that also rotates with the boom. These cranes have capacities that typically range from 10-500 tons and more.

- Crawler cranes (with or without augers and pole guides)
- Wheel mounted cranes - single control station - Rotating
 - a) Rough terrain (RT)
- Wheel mounted cranes - multiple control stations - Rotating
 - b) Track cranes

Operators that have obtained an EICA Rotating Control Crane certification, and are electrically qualified, have sufficient knowledge, skills, and abilities of operating a crane around the minimum approach distances in proximity of high voltage power lines. The EICA Rotating Control Crane certification demonstrates that the operator understands OSHA's rules regarding cranes in construction and maintenance of transmission and distribution lines. Operators that obtain an EICA Rotating Control Certification understand the machine's load chart capacity ratings and how to calculate loads. Candidates that have successfully completed the EICA Rotating Control Crane certification program will be able to demonstrate safe work operations and compliance with industry standards. EICA certified personnel are knowledgeable in site setup, inspection, operation, use of attachments, and machine movement.

The certification requirements for the Rotational Control type follow:

- The Rotating Control Crane certification requires passing the general written exam.
- The Rotating Control Crane certification requires passing the crane specialty written exam.
- The operational differences between rotating and stationary cranes demonstrate why control type is important. Therefore, each crane type requires passing a separate practical exam.
- The successful completion of the rotating practical exam.
- Certification is awarded upon successful completion of the General Exam, Crane Specialty Exam and the corresponding practical exam for each control type.
- Crane certification equivalent to type (Rotating) can also be satisfied by using a rotating Digger Derrick since Tasks 1, 2, 3, 4, 6, and 8 are conducted in the same manner on both Cranes and Digger Derivatives.

Scope of Certification Rotating Control Crane 5/1/2020



**Scope of Certification:
Stationary Control Cranes**

EICA has two separate types (schemes) of "Crane" certification: Rotating Control and Stationary Control. The crane certification types are not limited by capacity. In addition, the certification process is intended to address the use of Cranes in proximity to electrical power lines.

Stationary Control cranes have a telescoping main boom that travels using tracks or wheels.

Stationary Control (SC): The swing, boom, hoist, telescope, and other basic control functions are fixed at one or more positions, attached to the frame and DO NOT rotate with the boom sections. The operator generally stands at the controls while operating the crane. Stationary Control cranes have capacities that typically range from 1-35 tons.

- Boom Trucks (commercial truck-mounted) - Stationary
- Wheel mounted cranes - single control station - Stationary
 - a) Small capacity rough terrain (RT)
 - b) Carry decks
 - c) Down falls

Operators that have obtained an EICA Stationary Control Crane Certification, and are electrically qualified, have sufficient knowledge, skills, and abilities of operating a crane around the minimum approach distances in proximity of high voltage power lines. The EICA Stationary Control Crane certification demonstrates that the operator understands OSHA's rules regarding cranes in construction and maintenance of transmission and distribution lines. Operators that obtain an EICA Stationary Control Crane Certification understand the machine's load chart capacity ratings and how to calculate loads. Candidates that have successfully completed the EICA Stationary Control Crane Certification program will be able to demonstrate safe work operations and compliance with industry standards. EICA certified personnel are knowledgeable in site setup, inspection, operation, use of attachments, and machine movement.


The certification requirements for Stationary Control type follow:

- The Stationary Control Crane certification requires passing the general written exam.
- The Stationary Control Crane certification requires passing the crane specialty written exam.
- The operational differences between rotating and stationary cranes demonstrate why control type is important. Therefore, each crane type requires passing a separate practical exam.
- The successful completion of the stationary control practical exam.
- Certification is awarded upon successful completion of the General Exam, Crane Specialty Exam and the practical exam for stationary control type.
- Crane certification equivalent to type (Rotating) can also be satisfied by using a stationary digger derrick since Tasks 1, 2, 3, 4, 6, and 8 are conducted in the same manner on both Cranes and Digger Derivatives.

Scope of Certification Stationary Control Crane 5/1/2020



3




NECA SAFETY PROFESSIONALS CONFERENCE

EICA Training Policy

EICA does not provide training and does not endorse any training programs. The purpose of EICA is to provide examination development and administration.

Providing training or endorsing training programs would be a conflict of interest for EICA.



4



Total Certifications Issued

Total = 7,263 Certifications

Rotating Control Crane Certifications = 2,485
 Stationary Control Crane Certifications = 1,841
 Digger Derrick Certifications = 2,615

Certifications Issued 2021

Rotating Control Crane Certifications = 925
 Stationary Control Crane Certifications = 782
 Digger Derrick Certifications = 960

Total 2019 = 1,695 Certifications
 Total 2020 = 1,533 Certifications
 Total 2021 = 2,667 Certifications
 Total 2022 = 1074 Certifications (1st quarter)

5



Certification EFFECTIVE: DECEMBER 10, 2018

The employer must ensure that each operator is certified or licensed to operate the equipment.

Certification by an accredited crane operator testing organization.

- 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.

6



Certification EFFECTIVE:

DECEMBER 10, 2018

Through an evaluation, the employer must ensure that each operator is qualified by a demonstration of:

- The skills and knowledge, as well as the ability to recognize and avert risk, necessary to operate the equipment safely, including those specific to the safety devices, operational aids, software, and the size and configuration of the equipment. Size and configuration includes, but is not limited to, lifting capacity, boom length, attachments, luffing jib, and counterweight set-up.

7



SAFETYWALLET

EMPLOYEE INDUSTRY CERTIFICATION SAFETY WALLET

(424) - 342 - SAFE

(424) - 342 - 7233

<http://safetywallet.org>

8



Safety Wallet

Have you ever been handed a certification torn in half or covered in mud? Do you want easy access to an employee's certifications without the hassle of getting them from an employee/new hire.

Safety Wallet is an online employee industry certification database.

We make it easy to store certifications, trainings, and information for an employee's personal use and for employer's easy access to information.



9



10



Safety Wallet

Employer side & Employee side

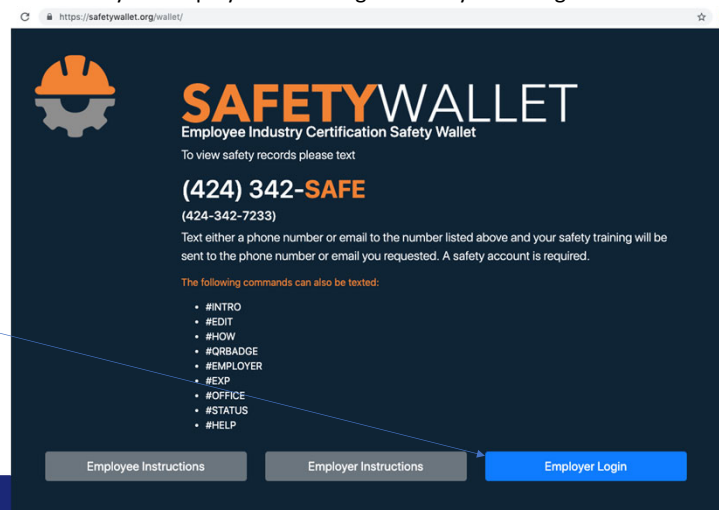
11



Safety Wallet

We will provide you with access to your employees. Please go to safetywallet.org

Click on Employer Login and enter your provided user id and password



12



Safety Wallet

Carl Smith



GENERATE PDF	Create PDF
MOBILE NUMBER: 816-225-9164	
Name: Carl Smith	
Address: 1624 16th Drive Ontario CA 91710	
Classification: Apprentice 6th	
Current Employer: PAR Electrical Contractors	
Home Local Union: 47	
Working Local Union: 47	
SafetyWallet Status: Active	
Supervision Status: Active	
Activation Date: 01/22/2019	

There are 0 updates pending review.

What Employee information are we storing?

- Main mobile number/email
- Address
- Classification
- Current employer
- Home/working local union
- Emergency contact
- Credentials
- Training

Name	Relationship	Number
Julie Smith	Spouse	909-338-4578

Employer	Start	End
• PAR Electrical Contractors	05/02/2020	
• Diversified Utility Services	01/05/2016	06/10/2016
• Wilson Construction	06/11/2016	07/11/2016
• PAR Electrical Contractors	03/03/2017	10/01/2017
• PAR Line Construction	10/02/2017	04/15/2018
• HRC Services, Inc.	05/01/2018	07/28/2019
• HRC Services, Inc.	04/02/2020	08/15/2020

Name	Acquired Date	Exp. Date	FILE
SCA CERT	09/28/2017	09/28/2022	
HOT STICK CERT	12/23/2016		
OSHA 10-HOUR ECHO	04/05/2018		
QUALIFIED RIGGING PERSON	10/05/2019		
RUBBER GLOVE TRAINING	06/28/2015		
FIRST AID CPR AED	12/20/2017	12/20/2019	
UNION TICKET	01/01/2017	12/31/2017	
FIRST AID CPR AED	08/15/2018	08/15/2020	

Name	Date	By
• WINTER DRIVING	Date: 05/15/2016	By: Carl Nevada AEC
• RESCUE TRAINING	Date: 08/25/2017	By: Carl Nevada AEC

13



Safety Wallet

Carl Smith



GENERATE PDF	Create PDF
MOBILE NUMBER: 816-225-9164	
Name: Carl Smith	
Address: 1624 16th Drive Ontario CA 91710	
Classification: Apprentice 6th	
Current Employer: PAR Electrical Contractors	
Home Local Union: 47	
Working Local Union: 47	
SafetyWallet Status: Active	
Supervision Status: Active	
Activation Date: 01/22/2019	

There are 0 updates pending review.

Name	Relationship	Number
Julie Smith	Spouse	909-338-4578

Employer	Start	End
• PAR Electrical Contractors	05/02/2020	
• Diversified Utility Services	01/05/2016	06/10/2016
• Wilson Construction	06/11/2016	07/11/2016
• PAR Electrical Contractors	03/03/2017	10/01/2017
• PAR Line Construction	10/02/2017	04/15/2018
• HRC Services, Inc.	05/01/2018	07/28/2019
• HRC Services, Inc.	04/02/2020	08/15/2020

Name	Acquired Date	Exp. Date	FILE
SCA CERT	09/28/2017	09/28/2022	
HOT STICK CERT	12/23/2016		
OSHA 10-HOUR ECHO	04/05/2018		
QUALIFIED RIGGING PERSON	10/05/2019		
RUBBER GLOVE TRAINING	06/28/2015		
FIRST AID CPR AED	12/20/2017	12/20/2019	
UNION TICKET	01/01/2017	12/31/2017	
FIRST AID CPR AED	08/15/2018	08/15/2020	

Employees can attach pictures of credentials so you can view them.

When something is expired it will be highlighted in red.

When something is about to expire it will be highlighted in yellow

14

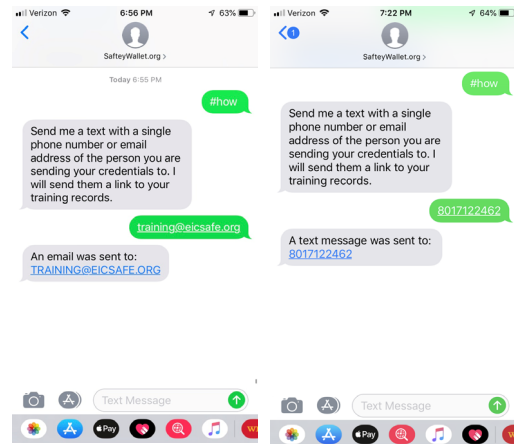


Safety Wallet

If your employee has access to our system, they can share their profile with you. If your employee does not have access, please have them call (424)-342-7233 or you can upload them as a new hire.

If the employee is in our system, they can either text your email or phone number to (424)-342-7233.

You will then receive an email/text of their employee contact profile.



15



Safety Wallet

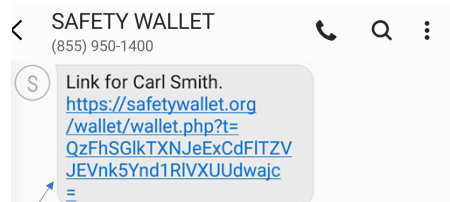
SafetyWallet.org

Web Link Credentials for Carl Smith

To: Stacie Huo,

Reply-To: Stacie Huo

Web Link for Carl Smith. <https://safetywallet.org/wallet/wallet.php?tsd1dmWEZOSVQ2TU9KNGFLQmYt6FBIWW1FsEgxTHQ1Z3le>



Click on link to view their profile

16



Safety Wallet



Take picture of QR code to view their profile

17



Safety Wallet



SAFETYWALLET

EMPLOYEE SUMMARY
EMPLOYER VERSION



EMPLOYEE NAME

Carl Smith

PROFILE DATA

ADDRESS

1654 John Drive
Ontario CA 91710

PH: 385-266-8813

E-Mail: carlsmith@gmail.com

DOB: 2/20/1990

STATUS

SafetyWallet Status: Active

Supervision Status: Active

ACTIVATION DATE

Activation Date: 1/22/2019

Deactivation Date:

UNION INFORMATION

Home Union: 47

Working Union: 47

Chapter: W.C.C.

Classification: Apprentice 6th



SAFETYWALLET

EMPLOYER HISTORY
EMPLOYEE: Carl Smith

EMPLOYER	ADDRESS	JOB	DATES
PAR Electrical Contractors			START: 5/22/2020 END:
Hopcor Corporation			START: 4/2/2020 END: 5/15/2020
Inter Services, Inc.			START: 05/01/2018 END: 7/26/2019
Hot Line Construction			START: 10/22/2017 END: 4/15/2018
PAR Electrical Contractors			START: 3/20/2017 END: 10/21/2017
Wilson Construction			START: 01/10/2018 END: 7/11/2018
Diversified Utility Services			START: 1/5/2018 END: 8/10/2018



SAFETYWALLET

EMPLOYEE CREDENTIALS
EMPLOYEE: Carl Smith

Credential	Obtained	Exp Date
ENCA CERT.	9/28/2017	9/28/2022
FIRST AID CPR AED	12/20/2017	12/20/2019
FIRST AID CPR AED	8/15/2018	8/15/2020
Health Insurance Card		
HOT STICK CERT.	12/23/2018	
OSHA 10-HOUR ETAD	4/5/2018	
QUALIFIED RIDGE/PERSONAL PERSON	10/5/2013	
RUBBER GLOVE TRAINING	8/28/2018	
UNION TICKET	1/10/2017	12/31/2017

SafetyWallet.org - A service provided by ECA

Generated: 5/15/2022 8:36:17 AM

SafetyWallet.org - A service provided by ECA

Generated: 5/15/2022 8:36:17 AM

SafetyWallet.org - A service provided by ECA

Generated: 5/15/2022 8:36:17 AM

18

Safety Wallet

Carl Smith

HOT STICK CREW

Certificate of Completion

This Certifies That

Carl Smith

has successfully completed 40 hours of the Skill Training
and is awarded this certificate by the CALIFORNIA - NEVADA
JOINT APPRENTICE TRAINING COMMITTEE.

SEP 25 / 68
San

Edward [unclear]
Edward [unclear]

J.A.T.C.
JOINT APPRENTICE TRAINING COMMITTEE

© 2000 by J.A.T.C. All Rights Reserved. J.A.T.C. is a service provided by J.A.T.C.

ISSUED: 03/01/01 BY: J.A.T.C.

10

Safety Wallet

NSPC
NECA SAFETY PROFESSIONALS CONFERENCE

Carl Smith OSHA 10 HOUR ET&D

OSHA 34-006045712

10-hour Construction Safety and Health
ET&D

This card issued to:
CARL SMITH

FRED HOPPE 04/03/2018
Trainer Name Date of Issue

OSHA Training Institute
University of California, San Diego extension.ucsd.edu/oshaverification/ 800-358-9206

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to 5 years, or both.

To verify this training, scan the QR code with your mobile device.

Rev. 1/00/16

Carl Smith QUALIFIED ROVER/SIGNAL PERSON

The National Joint Apprenticeship and Training Committee
PRESENTED A CERTIFICATE AND TRAINING COMPLETION CARD TO
Carl Smith
100% RECOMMENDATION OF THE
California-Nevada JATC

TO ACHIEVE LEADERSHIP THEY HAVE SUCCESSFULLY COMPLETED TRAINING
HOURS EVALUATED AND ARE DESIGNATED
Qualified Rover/Signal Person

10/5/2013 DATE TRAINING DIRECTOR

Carl Smith RUBBER GLOVE TRAINING

Certificate of Completion

This Certifies That
Carl Smith
Has successfully completed 12 hours of Rubber Glove Training
and is awarded this certificate by the CALIFORNIA-NEVADA
JOINT APPRENTICE TRAINING COMMITTEE.

10/5/2013 DATE

JATC

Printed: 5/15/2022 5:36:17 AM

21

Safety Wallet

NSPC
NECA SAFETY PROFESSIONALS CONFERENCE

Carl Smith UNION TICKET

FORM 1-LABOR INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS® MEMBER'S OFFICIAL RECEIPT

CH# 6905 CUM#130432 2451532

P. Bal \$0.00 N. Bal \$0.00

MEMBER	LOCAL	AMOUNT	DATE	PAID	TOTAL
216.00	9	24.00	10	01/11/2017	456.00
216.00	25				

Dues Paid: 12 Pmts. (Jan 2017 - Dec 2017) 0047 X 6195372

NAME: Carl Smith
ADDRESS: 1654 John Drive, Ontario, CA 91710
TRAVEL CLASSIFICATION: Jm. Lineman
FINANCIAL SECRETARY: Brent Donohue

Carl Smith Anti Harassment Awareness & Prevention

CERTIFICATE OF COMPLETION


This Certificate demonstrates that
Carl Smith
Has successfully completed a Harassment Training
Program and is awarded this certificate for completion.
DATE OF AWARD: 01/11/2017
California National Management

01/11/2017 DATE


JATC

Printed: 5/15/2022 5:36:17 AM

22




One-Hour Harassment Awareness and Prevention for Employees; Dept. of Labor's Anti-Harassment -and- California Sexual Harassment



California-Nevada JATC

2022 NECA SAFETY PROFESSIONALS CONFERENCE

23



Safety Wallet

Completed Updates:

- Computer based employee access
- Two tier authentication
- Upload employee handbook or safety manuals
- DOL and California Anti-Harassment Training (non-supervisor and supervisor)

Future Updates:

- Non-portable employee documents (qualifications)
- Smart-phone based application
- F.R. clothing tracking system
- Push notifications to cell phones based on job assignment or division
- Allow local unions to track dues
- FMCSA CDL-A Training????
- California safety training

24



Contact:
Neil Tolson
Executive Director
E.I.C.A.
ntolson@eica-us.org
816-527-7040 (cell)
801-566-1205 (office)

25

Complete the Online Evaluation



2022 NECA SAFETY PROFESSIONALS CONFERENCE

26