



Research & Education

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Training for Our Future

Union roofers and waterproofers are the best-trained workers in the field, thanks to our JATCs' and International Union's dedication to safety, research and education. From state-of-the-art apprenticeship facilities to vigilant OSHA training, union roofers and waterproofers are given the tools they need to succeed and thrive—safely—in the industry.

From coast to coast, our journey-level members are continually learning about the latest in roofing technology and hazards. Our apprentices undergo rigorous training, but also engage in some friendly competition at the numerous apprenticeship competitions held throughout the year.

Recognizing that the foreman is the linchpin in any successful roofing crew and company, the International Union, partnering with our national labor and management committee, developed a training program for current and future foremen. The program was rolled out in February 2009 and continues to be delivered across the country.

Let us know what your local union is doing to ensure that Union Roofers and Waterproofers are the most skilled, knowledgeable and safe workers in the industry.

► Hands-On Training

Apprentices from the Bay Area Counties Roofing & Waterproofing Industry Apprenticeship Program now have even greater educational opportunities, thanks to the recently completed training center that opened in Livermore, CA.

The new facility hosted a hands-on EPDM Firestone single-ply class on Aug. 3 for members of Local 40, San Francisco, CA, and Local 95, San Jose, CA.

► Training Goes Green

Chicago Local 11's apprentices have been receiving classroom training on green roofs for the last three years. This year the training went from the classroom to the hands-on area. With the instruction of John Scholten and Nancy Ballantine from Live Roof, the apprentices learned the benefits of green roofs and the proper installation of the multiple layers of components.



Roofers in attendance included Diego Carmona, Lucas Casco, Dennis Castañeda, Luis Cuevas, Francisco Garcia A., Victor Jara, Rick Kanuch, Peter Lang, Jose Lomis Amaya, Eddy A. Medrano, Ruben Oriel, Mark Rodriguez and Dennis Vance.



► Job Certification

Local 2 in St. Louis, MO, held a Certified Roofing Torch Applicator (CERTA) class on Oct. 22. This class provides certification for members to use torches on the jobsite, designed to promote safety and help the members become more marketable to employers.



Zack Fisher demonstrates how to safely torch and flop a curb for his certification.



Members of Local 2, St. Louis, MO, who participated in the CERTA certification class led by Instructor Dan Knight (pictured first row, left).

► And Our Proud Graduates

The 32nd graduation ceremony for the Bay Area Counties Roofing & Waterproofing Industry Apprenticeship Program took place on Aug. 22 at H's Lordship's Restaurant at the Berkeley Marina. Graduates, instructors and administrators gathered for a celebratory ceremony and meal.

Seated, from left:

Armando T. Garcia, Local 81 JATC; Mike Quiroz, DAS consultant; Alvaro T. Garcia, Local 81 Financial Secretary-Treasurer; Renee Bacchini, DAS area administrator; Sal Botello, instructor; Oscar R. Ponce, Local 40 journeyman; and Asunción Ortega, Local 95 journeyman.

Second row from left: Steve Makie, Local 95 JATC; Jaime Lozano, Local 81 journeyman; David Beltran, Local 91 journeyman; Jose E. Dominguez, Local 95 journeyman; Epigmenio Pioquinto, Local 81 journeyman; Pablo Ortiz, Local 40 journeyman; and Francisco J. Chavez, Local 40 journeyman.



Third row from left: Robert Rios, Local 95 Business Manager; Pablo Martinez, Local 81 journeyman; Ramiro Sanchez, Local 81 journeyman and Outstanding Apprentice of the Year; Rene T. Santiago, Local 95 journeyman; Jorge Mora, Local 81 journeyman; and Javier Vazquez, Local 81 journeyman.

Back row from left: Lee Oftedahl, Local 95 JATC; Bruce Lau, Local 40 Financial Secretary-Treasurer; Rosalio Franco, Local 81 journeyman; Steve Johnson, Local 40 JATC; Raul Galvan Jr., DAS consultant; and Jose Oscar Padilla, Director of Apprenticeship Training.



OSHA Issues New Rule on Cranes and Derricks

The Occupational Safety and Health Administration (OSHA) issued a new standard addressing the use of cranes and derricks in construction, replacing a decades-old standard that dated back to 1971.

The standard was published in the federal register on August 9, 2010, and most provisions in the standard took effect on November 8, 2010. These included the requirements for signal persons and riggers. The provision that requires crane operators to be certified will become effective in 2014.

Most of the questions we've encountered surround the training requirements for riggers and signal persons. To help clarify these specific requirements, CPWR – The Center for Construction Research and Training – has produced a fact sheet titled *Highlights of the new OSHA crane and derricks rule*. With permission, we've reproduced key segments of the fact sheet below and provide links to CPWR's site and to OSHA's site for more information.

Riggers: Riggers are not required to be certified by any independent organization. However, riggers must be *qualified* in two situations: (1) when rigging in connection with assembly/disassembly work; and (2) when rigging a load that will be handled by employees in the fall zone. The rigger would be considered qualified by possessing a recognized degree, certificate, or professional standing; or by successfully demonstrating, through extensive knowledge, training and experience, the ability to solve/resolve problems related to rigging work and related activities. The standard does not require riggers to have any particular training.

Most union training centers that have quality rigger education programs turn out riggers who would be considered *qualified riggers*. There is no basis for arguing that employees who have gone through a particular trade's apprenticeship and training program are the only people qualified to work as riggers.

Signal Persons: As with riggers, signal persons do not have to be certified by an independent organization. However, the employer must ensure that all signal persons meet specific *qualification requirements* spelled out in the standard. Unlike the rigger, the signal person must be qualified by a *qualified evaluator*, someone who can demonstrate that he or she can accurately assess whether the individual meets the standard's qualification requirements. The *qualified evaluator* may be a third party or an employee of the signal person's employer. A signal person qualified by a *third-party evaluator* may carry that qualification from employer to employer; qualification by an *employer's evaluator* is not portable.

A union training center that has independence and expertise and a demonstrated competence in assessing whether

individuals meet the qualification requirements would certainly be considered a qualified third-party evaluator.

By working with signatory employers, union training centers can assess and verify the qualifications of signal persons and thereby enable the signal persons to work for multiple employers.

The regulatory text in section 1926.1428 addresses signal person qualifications, qualified evaluators, documentation the employer must keep, specific qualification requirements and testing requirements. A union training center that wants to take on the role of a third-party qualified evaluator should review these provisions in detail.

Who can conduct the training? The crane standard does not specify who can conduct rigger and signal person training but, as is the case with all OSHA standards, it makes the employer responsible for complying with all training and verification requirements. In fact, the crane rule generally requires employers to train "each qualified person regarding the requirements of this subpart applicable to their respective roles" related to their work with and around cranes and derricks. These requirements are spelled out in 1926.1430, and are meant to address all workers who may be exposed to hazards from cranes, not just riggers and signal persons.

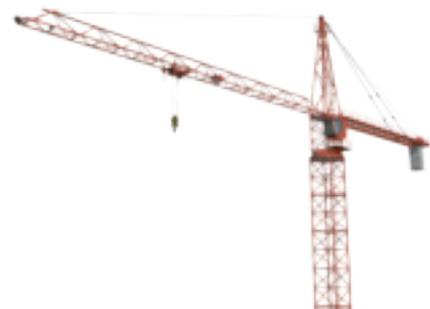
As the training providers for signatory employers, the Local JATCs can help employers fulfill these requirements. Local JATCs can work with contractors to develop documentation of training provided to riggers and signal persons, as well as to set up third-party qualification evaluations so signal person testing/assessment can be portable among employers.

RESOURCES:

OSHA's crane and derrick page at <http://osha.gov/cranes-derricks/index/html>. The page includes the following information:

- ▶ Final Rule
- ▶ Fact sheet on Crane Operator Qualifications and Certifications
- ▶ Fact sheet on Signal Person Qualifications
- ▶ Fact sheet on Qualified Riggers
- ▶ Frequently Asked Questions

CPWR's homepage at www.cpwr.com has a complete copy of the fact sheet *Highlights of the new OSHA cranes and derricks rule* and comprehensive information on a wide variety of construction safety and health issues.





Apprenticeship Competitions Held in Chicago, Buffalo

District Councils joined forces to present two opportunities for apprentices to display their skills and compete against each other over the summer. Local 74, Buffalo, NY, hosted the Northeast/Mid-States apprentice competition in June, while Local 11, Chicago, IL, set the stage for the multi-council Midwest competition in September.

Apprentices from the Northeast and Mid-States District Councils, along with business managers and International officers, turned out for friendly competition at Local 74's facility in Buffalo, NY, on June 12, 2010.

Hosted by Roofers Local 11 and the Chicagoland Roofers JATC, the Midwest Apprentice Competition held in Indian Head Park, IL, at the Chicagoland Roofers and Waterproofers Training Center on September 18, 2010, was robust and spirited. The Indiana State Council of Roofers, Michigan District Council, Illinois District Council and the North Central States District Council participated in the

event and provided important financial and manpower support. Most of the materials used in the competition were donated by Firestone with the Chicagoland Roofers JATC filling in the rest.

First, second and third/fourth year apprentices faced off in numerous events that tested a variety of skills. Safety is always a concern at these events and competitors are required to wear the appropriate personal protective equipment.

Sincere thanks go out to Local 11 and the Chicagoland JATC, as well as Local 74, for hosting the events, and to all of the participating District Councils and affiliated local unions for their assistance in helping make the competition hugely successful.

Our congratulations go to the winners in each of the three divisions. But we also want to distinguish all of the participating apprentices for their determination and enthusiasm that was on display throughout the competition.

Scenes from this year's apprenticeship competitions...





Winners in the Apprenticeship Competitions

First Division

1st Place

2nd Place

3rd Place

Midwest

Mike Zyla, Local 11, Chicago, IL

Bob Eppenstein, Local 11, Chicago, IL

Lucas Brown, Local 149, Detroit, MI

Northeast/Mid-States

Michael Knowles, Local 74, Buffalo, NY

Ryan Rushing, Local 42, Cincinnati, OH

Ryan Adams, Local 44, Cleveland, OH

Second Division

1st Place

2nd Place

3rd Place

Midwest

Travis Otto, Local 20, Kansas City, MO

Heath Hydo, Local 149, Detroit, MI

John Buckner, Local 20, Kansas City, MO

Northeast/Mid-States

Charles Lunsford, Local 75, Dayton, OH

Dave Eubank, Local 75, Dayton, OH

Glenn Jones, Local 74, Buffalo, NY

Third/Fourth Division

1st Place

2nd Place

3rd Place

Midwest

Tie! Jason Stoddard, Local 20, Kansas City, MO
Tyler Wilmes, Local 20, Kansas City, MO

Tie! Antonio Sanyet, Local 26, Gary-Hammond, IN
Jesse Adkins, Local 70, Ann Arbor, MI

Tie! Justin Gust, Local 26, Gary-Hammond, IN
Brian Whitaker, Local 26, Gary-Hammond, IN

Northeast/Mid-States

Michael Bommer, Local 74, Buffalo, NY

Tom Booth, Local 71, Youngstown, OH

Tie! Jason Haskins, Local 33, Boston, MA
John Engel, Local 42, Cincinnati, OH

