



Research & Education

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Director of Research & Education



National Training Committee Formed

A committee of seven local union training directors from around the country was formed to assist the Roofers and Waterproofers Research and Education Joint Trust Fund (Roofers Research and Education Trust) in all aspects of training: reviewing current training materials; developing new training curricula; analyzing and enhancing train-the-trainer programs for new and experienced instructors; mentoring and supporting apprentice programs around the country; investigating new instructional technologies; and staying on top of federal and state regulations.

The committee currently consists of the following training directors and coordinators:

- ▶ Clint Mapes, Oregon and Southwest Washington Roofers JATC, Portland, OR (Local 49)
- ▶ Dan Knight; Roofers and Waterproofers Local 2 JATC, St. Louis, MO
- ▶ Dan Smith, Bay Area Counties Roofing and Waterproofing JATC, Livermore, CA (Locals 40, 81, and 95)
- ▶ Dick Tessier, Roofers and Waterproofers Local 96 JATC, Blaine, MN
- ▶ Jim Currie, Roofers and Waterproofers Local 10, Haledon, NJ
- ▶ Keith Vitkovich, NW Indiana Roofers and Waterproofers JATC, Merrillville, IN (Local 26)
- ▶ Marty Headtke, Chicagoland Roofers and Waterproofers JATC, Indian Head Park, IL (Local 11)

Foreman Training Continues

Our highly interactive Foreman Training Program remains hugely successful. Since its debut in early 2009, 18 two-day programs have been delivered across the country. The most recent one was held in Milwaukee, WI, on January 26 – 27. Twenty-four foremen from eight signatory roofing contractors participated in this training. (See accompanying story)

The program has been delivered in two parts: Part I includes modules on Communications, Math, Safety, Teaching Skills, Problem Solving, Diversity and Sexual

Harassment. The focus of Part II concerns managing the project and workforce and includes topics on Leadership, Reading Specs and Blueprints and Conflict Resolution. More than 370 new and experienced foremen from across the country have completed this training.

Train-the-Trainer Program Rolls Out

The newly enhanced Train-the-Trainer Program was held September 22 – 23, 2011, in Portland, OR, in conjunction with the combined Western Regional and Northwest District Councils of Roofers. Taught by experienced roofing instructors, the program is designed to help local union apprentice instructors become better organized, better prepared and more effective teachers.

As with many of the programs we are developing, the Train-the-Trainer Program is highly interactive. A lot of time is spent on lesson planning, and student instructors not only develop lesson plans but are required to deliver their plans individually and in groups.

Another program, which was offered to local unions in the Midwest and East, was delivered March 8 – 9, 2012, at the Chicagoland Roofers and Waterproofers Training Center in Indian Head Park, IL. The Roofers Research and Education Trust will sponsor more programs as the need arises.

Fall Protection Competent Person Training

With an OSHA Susan Harwood Training Grant, the Roofers Research and Education Trust sponsored a 2½-day Fall Protection Competent Person Train-the-Trainer Program conducted by Capital Safety, which was directly followed by a 1½-day Trainers Workshop. The focus of the workshop was on the development of an interactive competent person training program that can be delivered by local union JATCs across the country. We'll announce the availability of this program when completed.

Development of a Web-Based Trainers Exchange

The Roofers Research and Education Trust is in the process of developing a Web-based Trainers Exchange and Resource Center. This is intended to be a password-protected Web-based mechanism where local union trainers from across the country can exchange ideas, download instructor resources, review and comment on new materials, and post their own products.

Green Roofing and Waterproofing Manual

Work on the Green Roofing and Waterproofing Manual continues. The manual will address vegetative roofs, cool



roofs, building envelopes, photovoltaic applications and safety and health issues, among other topics. The full-color manual will be produced in PDF format and available for download from the Union's Web site. Having the material produced in this format will allow us to make changes as necessary once the material is in the hands of instructors across the country and used in classroom training.

OSHA 500 and 510 Training

The Roofers Research and Education Trust continues to offer OSHA 500 training and now has the ability to offer OSHA 510 training through CPWR - The Center for Construction Research and Training.

New instructors who wish to teach the OSHA 10-hour and 30-hour construction safety and health outreach classes must complete an OSHA 510 course as well as the OSHA 500 course. The OSHA 510 course—Occupational Safety and Health Standards for the Construction Industry—is a four-day program that covers OSHA policies, procedures and standards, as well as construction safety and health principles.

Safety and Health Materials

With grant support from OSHA, the Roofers Research and Education Trust continues to develop and enhance its bilingual instructor and student safety and health training program. The instructor safety and health program now consists of the following modules:

- ▶ *Your Role in Safety*
- ▶ *Making OSHA Work for You*
- ▶ *Fire Hazards and Fire Prevention*
- ▶ *Power Line Safety*
- ▶ *Electrical Safety*
- ▶ *Control Measures*
- ▶ *Material Safety Data Sheets*
- ▶ *Kettles and Tankers*
- ▶ *Fall Protection*
- ▶ *Ergonomics*
- ▶ *Respirators*
- ▶ *Ladders*
- ▶ *Scaffolds*
- ▶ *Unventilated, Enclosed and Confined Spaces*
- ▶ *Powered Equipment*
- ▶ *Lifting, Hoisting and Rigging*
- ▶ *Hot on the Roof*
- ▶ *Hearing Protection*
- ▶ *Weather Hazards*
- ▶ *Hazards of Roofing and Waterproofing*
- ▶ *Struck By/Caught Between Hazards*
- ▶ *Green Roofing Safety*

Local 26 Members Receive Crane Certification

Hammond-Gary, IN, Roofers Local 26 Joint Apprentice Training Committee held another NCCCO Mobile Crane Certification Course. Ten members of Roofers Local 26 participated in the training and testing.

The training course consisted of classroom and practical training and testing. There were three-and-a-half days of training and one-and-a-half days for administering the three different tests. The tests consisted of:

- ▶ NCCCO Mobile Crane Core Exam
- ▶ NCCCO Telescopic Fixed Cab Specialty Exam
- ▶ NCCCO Telescopic Fixed Cab Practical Exam

The training and testing was provided with the assistance of ATS Specialized. ATS provided all training in the classroom and also administered the practical exams on behalf of the NCCCO. The International Assessment Institute (IAI) administered all written exams on behalf of the NCCCO.

All training and testing, if completed and passed, meets the requirements of the new Crane Standard that will go into effect November 8, 2014. Even though the standard has not yet gone into effect, contractors and Roofers Local 26 have seen requirements from general contractors and facilities mandating this training and certification.



Steady now...a Local 26 student tries his hand at the crane course test, which he needs to pass in order to receive the new crane certification.