

The Reibold building Living history

The Montgomery County Reibold building has been a part of the downtown Dayton landscape since 1896. It is actually three buildings. The first was built in 1896. The South annex was added in 1904 and construction on the North annex began in 1913, but was finished in 1914 after a delay from Dayton's infamous flood. The North annex is larger than the other two put together.

Although electrical upgrades were completed in the early 1970's, it was time for some major renovation to the building. Several phases of construction have taken place over the last few years, starting with the installation of new freight elevators to accommodate the construction teams. Mutual Electric installed the new electrical systems needed to support these updates.

The Combined Health District is housed in the basement and first two floors. This entire area was updated to include a new reception area, a new communications network for both voice and data, a state-of-the-art security system including closed circuit TV, intercom and card access and a new fire alarm system. The outside lighting is programmed as an energy saving feature. The next phase of the project includes building a parking garage with walkways to the main building.



East facade of renovated Reibold building, a significant part of Dayton's landscape since 1896.

Although Mutual Electric provided the electrical systems necessary to operate the new infrastructure, Project Manager Pat Strader and Project Foreman Duane Lynn noted that the entire scope of the project included the expertise of several players, notably, Copp Security Systems and Jacobs Telephone

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Training for the future

Every high school student faces the future with the same question...what should I do? Should I go to college? Should I go to a joint vocational school and learn a trade? The real question students should ask is...what am I good at? Am I a good problem-solver? Am I hands-on? Do I like math? If the answer to all three of these questions is "yes," then the Electrical Construction Trade may be a perfect fit.

So why would someone want to become a union electrical worker? The answer is: great training and benefits!

- If you attend a joint vocational school as a high school junior and senior, some of your credit hours may be applied to the apprenticeship program.

- While learning on the job, you are receiving a paycheck. As you develop more complex job skills and improve your knowledge, you will receive pay increases.

- You receive union benefits: employer paid health care and employer paid pension contributions.

- The quality of the training is unparalleled.

- Union membership offers job security.

The National Joint Apprenticeship and Training Committee

(NJATC) is the electrical worker's training organization. Its goal is to develop and standardize training, and to educate the members of the International Brotherhood of Electrical Workers (IBEW) and the National Electrical Contractors Association (NECA), insuring and providing the electrical construction industry with the most highly trained and highly skilled workforce possible.

Generally, an electrical apprenticeship program requires five years of training to become a journeyman. Once accepted into the program, you attend both classroom instruction (900 hours required), as well as perform on the job training (8,000 hours) working one-on-one with some of the top union journeymen in the electrical industry. Becoming an electrician requires a great deal of knowledge and proficiency in all safety issues that electricians confront on a daily basis.



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Education... turning mirrors into windows

The value of education should never be underestimated. Sometimes our days seem so full that we forget to look to the future. And you are the only one in control of the steps you need to take to get there. Technology changes daily and various classes and seminars are offered in the electrical contracting arena to enhance your understanding of the industry. Taking advantage of the training resources available to you will not only keep you informed of the state-of-the-art, but will also help you reach your professional goals.

The Management Education Institute (MEI) is the principal resource for management development and training within the National Electrical Contractors Association. MEI's purpose is to provide a professional development curriculum that is

both comprehensive in scope and addresses the needs of the NECA members. Starting with their initial management

"Training, as an investment in human capital, is the only business expense that doesn't begin depreciating the day after you make it!"

responsibilities as supervisors, MEI offers a program of business, technical and project management courses for middle- and executive-level electrical contracting managers that is responsive to their increasing levels of responsibility.

Project Management Courses include three Electrical Project Supervision levels that are designed to provide important skills for supervisors with a wide range of responsibilities. Other courses focus on Design-Build Methods, Safety, and

Fundamentals of Construction Law for Electrical Project Managers.

Technical Management Courses focus on Estimating, Change Order Management, Principles and Practices of Project Scheduling and Estimating Basic Structured Cabling Systems.

Business Management courses include Financial Principles and Tools, Conflict Resolution, Negotiating, Succession Planning, Successful Entry into the Voice/Data/Video Market and VDV Business and Customer Development.

The MEI schedules courses on a continual basis and a needs assessment will be forthcoming to determine if there are any courses you would like to see offered in the Miami Valley. These courses are offered throughout the United States. It's up to you to bring them to your hometown.

For an up-to-date schedule, visit www.neca-mei.org.

Did You Know

It takes only 15 watts of electricity going through a human body to stop the heart. Common light bulbs run on about 25 to 75 watts of electricity.

Time magazine named the computer its "Man of the Year" in 1982.

At a jet plane's speed of 1,000 km (620 miles) per hour, the length of the plane becomes one atom shorter than its original length.

From the smallest microprocessor to the biggest mainframe, the average American depends on more than 264 computers per day.



McClin recognized



A big welcome to new Dayton Mayor Rhine McClin! NECA Executive Mgr. Dan Neal recently presented Mayor McClin with an award recognizing her support of NECA legislative activities.

CONNECTIONS

April, 2002

Your comments, suggestions and questions are welcome! Contact the Western Ohio Chapter - NECA.

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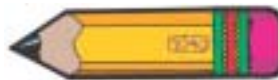
Managers *make* the grade

The *Managers and Supervisors Conference* recently held at the Holiday Inn in Dayton was a huge success. The attendees included managers and supervisors from NECA, SMACNA and the MCA. Rated overall as an excellent seminar, comments included "useful information and presented well," "very interesting, very worthwhile," and "good ideas and great speaker." The SkillPath Seminar trainer was Ryan Setzer, an international speaker, with a sales management background. He is also a former professional athlete and coach who understands how to build champions.

Seminar highlights included:

- Making the transformation from Manager to leader.
- How to cope with the challenges of being a leader.
- Delegation skills.
- Overcoming negativity and resistance.

This fall, NECA is planning another seminar with Mr. Setzer focusing on customer service, customized to the construction industry.



NECA Nights at the Dragons



- April 4:** Opening Day for NECA Contractors
- May 2:** Apprenticeship Night
- May 30:** Safety Night
- June 20:** Ohio Conference of NECA Chapters
- July 4:** Toys for Tots with the Marine Corps Reserve and Antioch Pipers
- Aug 8:** Heapy Engineering
- Aug 27:** Benefits/Pension Night
- Aug 30:** LMCC Park Night

Reibold (Cont'd.)

Contractors (subcontractors to Mutual Electric). Other contributors include Heapy Engineering, LB Robinson Construction and Architects Associated, Inc. (AAI). "The new conference room is state-of-the-art with video projectors in the ceilings and satellite communications," says Duane, "and it took the combined efforts of several contractors to complete the work. It's great to be able to preserve a piece of Dayton's history."



2nd Floor state-of-the-art Hearing Room in the renovated Reibold building.

- The building was named for the family of the developer, Louis Napoleon Reibold.
- Originally, the lower levels housed a department store called the Elder & Johnston Company. The upper floors contained private offices for doctors and lawyers.
- In the 1950's the store became the Elder-Beerman department store.
- Escalators were installed in 1934 by Otis Elevator, the first in Dayton. The original escalators are still in working order and are four of the six original escalators installed in the U.S. during that era. One of the other existing escalators is in Connecticut, and the other is in the Smithsonian Institute.
- In the early 1900's, the first hot air balloon launched from the top of an office building was launched from the Reibold Building.

A special thanks goes to Ted Michel for suggesting the story on the Reibold building and for providing an historical insight to a Dayton landmark. If you have interesting NECA-related story ideas, please don't hesitate to call Tucker Communications: 937-297-3052.

NEIS Binder now available

The NEIS Specification System binder is now available with a complete set of all twelve standards currently published. This technical reference information is invaluable to managers and employees alike. Contents include:



- Practices for Good Workmanship in Electrical Contracting
- Symbols for Electrical Construction Drawings
- Standard for Installing Steel Conduit
- Recommended Practice for Installing Aluminum Building Wire and Cable
- Standard for Installing and Testing Fiber Optic Cables
- Recommended Practice for Installing Industrial Lighting Systems, and more.

Whether you install, bid or build, this binder will prove to be a great resource for any project. A request will be forwarded to you in the near future so you may indicate the number of copies you would like to receive.

Training (Cont'd.)

"It's not surprising that the average age of many of our apprentices who enter the program is 25," says Training Director Bill Newlin.

"Sometimes it takes a few years for young people to decide what direction to take.

We have several college graduates in our program. The training requires intelligent,

energetic people and over 90% graduate." Upon completion of the apprenticeship program, you are entitled to college credit for related instructional

training. Locally, over 50% of the classroom training can be applied towards a Technical Studies Associate degree at Sinclair Community College. ACE college credits are also awarded from various colleges throughout the country. As an IBEW-NECA trained electrical worker, you have the flexibility

to move to other parts of the country to work.

IBEW Local 82 in Dayton, is

planning to open a training facility in the near future. All instruction will be centralized under one roof and the center will include a computer lab,

and other hands on learning environments, i.e. safety equipment, instrumentation panels, etc. "The NJATC is a nationally recognized program that produces highly qualified electricians who take great pride and dignity in their work," says Bill. "That's why so many companies across the country prefer to hire electricians with a NJATC degree."

For additional information contact Bill Newlin at (937) 461-2777, or email: tddayton@aol.com. Visit the following websites: www.njatc.org, www.daytonapprenticeships.org, or www.daytonohiojatc.org.

Specialty Areas

Electrical workers fall into four specialty areas. *Inside Wiremen* install power, lighting, controls and other electrical equipment in commercial and industrial buildings. *Outside Linemen* install the distribution and transmission lines that move power from power plant to a factory, business or home. *Telecommunication Installer-Technicians* install circuits and equipment for telephones, computer networks, video distribution systems, security and access control systems and other low voltage systems. And *Residential Wiremen* specialize in installing all of the electrical systems in single-family and multi-family dwellings.



Western Ohio Chapter



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Upcoming Events

June 20

Ohio Conference of NECA Chapters. Dayton Dragons, meeting on June 21.

July 27-31

N.T.I. NJATC Show and Instructor Training Program. Knoxville, TN.

August 19-21

Eastern Region Managers Conference (NEW). Newport Marriott, Newport, RI

September 10-11

District Two council Meeting. Ritz-Carlton, Hotel, Cleveland, OH

October 4-5

Board of Governors Meeting. Chicago, IL.

October 5-8

NECA National Convention. Chicago IL.

The Western Ohio Chapter - National Electrical Contractors Association Directory:

NECA Members

Division *Dayton*

Aztec Electric, Inc.
 D.R. Electric, Inc.
 Encompass Electrical Tech.
 Freedom Electrical Contractor
 High Voltage Maintenance
 Kastle Electric Company
 Maxwell Lightning Protection
 Mutual Electric Company
 Newco Electrical Contracting
 Rieck Mech. & Electrical Svcs.
 Studebaker Electrical Co.
 Wagner Smith Company
 York Electric, Inc.

Division *Lima*

BAS Electric Inc.
 Reynolds Electric Co., Inc.
 Sidney Electric Company

*Western Ohio Chapter - NECA
 2210 Arbor Boulevard
 Dayton, OH 45439*

Contributing Contractors

Division *Dayton*

Justice Electric
 Lake Erie Electric, Inc.
 Luehrs Electric, Inc.
 M.B.A. Electric, Inc.
 O.R.E. Electric
 Power Services
 Prism Electrical Contractors
 Productive Electric, Inc.
 Q.O.B. Electric, Inc.
 Spurling Electric Co., Inc.

Division *Lima*

C & J Electric
 Gem Industrial
 Hesseling Electric
 Lippincott Electric
 Power Pro