



**BUILDING FUTURES IN  
THE SKILLED TRADES**

# **YOUR SKILLED TRADES CAREER ROADMAP**

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# **YOU CAN BEGIN A CAREER IN CONSTRUCTION IN VARIOUS WAYS**

## **High School followed by training in a State Approved Apprenticeship Program.**

For those men and women who want to enter construction as a journeyman, local and state approved Apprenticeship Programs have been established. These programs normally run three to six years and combine on-the-job training with related instruction in a classroom environment. Apprenticeship Training is the major topic in this booklet. You will be learning much more about the crafts and their related apprenticeship programs.



## **High School combined with training in an Industry Approved Vocational Construction Program.**

Those Individuals who determine early on that they want a career in construction can attend vocational programs in carpentry, bricklaying, plumbing, construction electrician, welding and other trades. Graduates are provided with lists of local employers and the employers are provided with the names of current graduates. Training in an approved program can make entrance into trade apprenticeship programs easier and can possibly reduce the length of apprenticeship.

## **High School followed by Technical School or Associate's Degree Program.**

There are many two-year programs available to people wishing to enter construction at the management level. These programs provide a background in general practices found in the industry and include courses in surveying, drafting, blueprint reading, construction documents, estimating, construction materials and management techniques.

## **High School followed by College.**

College programs in construction management, civil engineering and other related programs prepare graduates who are capable of entering corporate and project management positions with a minimum of on-the-job training. Many college programs have evolved from industry liaison groups and are tough yet practical. Competition for these programs can be intense, and classroom space is limited. Many college programs cover areas dealing with materials, mathematics, surveying, construction methods, hydraulics, planning and scheduling, estimating, cost control, accounting, construction law and labor relations.

***Advancement after entering the industry depends on your effort and the needs of your employer. More and more projects of every kind are being planned and carried out, every day, in almost every part of the world. But remember...the construction industry needs qualified people and a high school diploma is a necessary first measure of quality. Stay in school, get your diploma, then start your career!***

## **THE CONSTRUCTION INDUSTRY - AN OVERVIEW**



The construction industry is a vital employer in the nation's economy and embraces hundreds of different types of activities, from the construction of hydroelectric dams and interstate highways to multi-story office buildings and large residential projects as well as major maintenance and alterations. Construction offers many different types of career paths, from semi-skilled and skilled craft careers covering over 20 different trades, to jobs in management covering a wide scope of activities. The opportunities for advancement are virtually unlimited, regardless of where you choose to start.

The industry also offers national and international job markets, giving you the opportunity to select an employer in any city or town. Basically, anywhere in the world. Few other careers offer this type of opportunity. Who hires employees trained in the building trades or with degrees in construction science? Obviously, one answer would be general contractors and sub-contractors. These are the companies that do the greatest amount of new construction, rehabilitation, remodeling, and maintenance. Many men and women with construction backgrounds are hired by other companies and agencies to evaluate, plan and oversee construction performed for them. Prospective employers in this group include local, state and federal governments, hospitals, schools, and corporations that build and maintain warehouses, factories and offices.



# CAREER OPPORTUNITIES

Career opportunities in construction are nearly unlimited. There are many different jobs for many different activities. Each job has its own advantages, responsibilities and rewards for those who are qualified. Salaries are flexible...they depend on the person; your abilities, effort, initiative and dedication are the deciding factors. Let's take a look at some of the many career positions



available to you in the construction industry. Some are available to you after specialized training; others require a broad understanding of the total project, gained only after years of preparation and experience. Remember, regardless of whichever career you' would like to follow, your success will depend on your abilities, your effort, your initiative and your dedication to the job.

Also, remember there are many people in the construction

industry who want to see you succeed and are willing to voluntarily give their support and experience in encouraging capable people to enter the construction industry.

**Some typical progressions** - Shown here are some career paths that are open to you in the construction industry. You can get an idea of how members of the construction team move up in their jobs from the following common career progressions:

- High School Graduate: Apprentice, Journeyperson, Foreman, Supervisor.
- Technical School Graduate: Assistant Expediter, Expediter, Purchasing Agent.
- Associate's Degree: Teaching, Train-the-Trainer, Superintendent.
- Bachelor's Degree: Construction Manager, Marketing Manager, Estimator, Project Manager, Engineer.



# WHAT TYPE OF SALARIES ARE AVAILABLE IN CONSTRUCTION?

## What can I earn?

What you will earn will depend on your individual circumstances. Currently the **beginning Apprentice** in a Building Trades Apprenticeship Program begins at 45% to 50% of the current Journeyman rate. That percentage goes up every year you are in the program, until you reach your Journeyman status.

## What does that mean in dollars and cents – You earn while you learn

### Average First Year Journeyman Rate of the Trades in Michigan

**\$25.21 per hour - Base Rate @ 50% -- \$ 12.61 - Per Hour**  
is an estimate of what you will earn during your first year

**Fringe Benefits are over and above. They include, but are not limited to:**

- Insurance
- Pension
- Vacation
- Training Fund

When you complete a four or five-year apprenticeship program, your journeyman card takes you to 100% of the current wages. Your training is part of your apprenticeship, so unlike someone who has gone to a two or four-year college program, **you won't have a college loan to pay-off with your income.**

## *Earning Potential in the Construction Industry*

Wages in the Construction Industry vary. The following is an average representation of the earning potential of an individual entering into the Construction Industry:

- ◆ Beginning Apprentices earn about \$500 a week.
- ◆ They also get medical insurance for their family, along with other fringe benefits.
- ◆ By the time they have completed a five-year Apprentice Program, they will have earned approximately \$220,000 and can anticipate earning from \$60,000 to \$70,000 per year as a journeyman.
- ◆ After working 30 years they will have approximately one million dollars in pension.



# ABATEMENT WORKERS

**Scope of Work** - The work of Abatement workers covers a wide-variety of abatement related projects ranging from industrial, commercial, nuclear and electrical power plants, ethanol plants, automotive manufacturing facilities, hospitals, food processing plants, schools and cryogenics. Industrial applies to all types of industries such as chemical process and petrochemical. The commercial field includes building, building services and refrigerated spaces. Transportation includes the abatement of trucks, trailers, railroad cars and ships. Cryogenics is the field of low temperature service, such as required by the liquefied gases. Abatement workers work with many types of materials, such as Asbestos, Lead and Mold. They abate materials on hot and cold piping, refrigerant lines, ductwork, boilers, towers and tanks. Abatement workers also ensure that asbestos, lead and mold is safely removed from buildings during renovation or demolition processes. They are responsible for identifying and disposing of asbestos-containing materials; complying with state and federal laws regarding the disposal.

**Working Conditions** - Abatement work indoors and outside. They spend most of the workday on their feet, either standing, bending, or kneeling. Abatement work is often dusty and dirty. The minute particles from the insulation materials, especially when blown, can irritate the eyes, skin, and respiratory system. Removing cancer-causing asbestos insulation is a hazardous task and is done by specially trained workers. To protect themselves from the dangers of asbestos and irritants, workers follow strict safety guidelines, wear protective masks and respirators, take decontamination showers and keep work areas well ventilated. Abatement work can be at ground level or in the air.

## Apprenticeship Requirements

**Length of Program** – One year and 600 hours

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

**Courses Required** – OSHA30, Asbestos

## **Asbestos Abatement Workers Local 207**

Asbestos training since 1995  
26453 Northline Road  
Taylor, MI 48180  
(734) 947-1745  
[Kevinm@local207.org](mailto:Kevinm@local207.org)  
[www.local207.org](http://www.local207.org)

**Kevin Meagher, Training Director**  
**Doug Ripple, Business Manager**

Kevin Meagher,  
(937) 684-5214

Territories Covered: The entire State of Michigan and Northern Ohio

# BOILERMAKERS

**Scope of Work** – Construct, assemble and maintain boilers, tanks, pressure vessels, metal stacks, liners, blast furnaces, pollution control equipment, baghouses, precipitators and duct work according to blueprint specifications, using power tools and hand tools. The duties of the boilermaker include welding, acetylene burning, riveting, caulking, rigging, fitting up, grounding, reaming and impact machine operating. Construction and inspection and repair of utility plants, chemical plants, automotive plants, refineries, paper and steel manufacturing facilities, ore processing and mine plants throughout the entire State of Michigan.

**Working Conditions** - Active and strenuous. Stand for prolonged periods. Indicate no fear of height or hazardous work, confined space work or work in the nuclear industry. Frequently work in dirty conditions on dirty equipment. Working indoors or outdoors.

## Apprenticeship Requirements

**Length of Program** – 4 years.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

**Courses Required** – Minimum of 600 hours classroom training in the following areas: Torch Cutting, Gouging, Gas Tungsten Arc, Gas Metal Arc, Plasma Arc, Submerged Arc, Bevel Tube, Tube Replacement, Rigging, Crane Set-Up and Block Reeving, Orbital Welding and Metal Plate Fitting.

## **Boilermakers Local 169 Boilermakers Training Center**

1755 Fairlane Dr.  
Allen Park, MI 48101  
(313) 584-8520  
FAX (313) 584-8777  
[ashley@boilermakerslocal169.com](mailto:ashley@boilermakerslocal169.com)  
[www.boilermakerslocal169.com](http://www.boilermakerslocal169.com)

**Michael Card, Administrator**

Applications accepted in person only on the 2<sup>nd</sup> Tuesday of each month from 1-3 pm or call to receive application by mail.

Territories Covered: Entire state, except counties of Hillsdale, Lenawee and Monroe.

## **Great Lakes Area Boilermakers Apprenticeship Program (GLABAP) Boilermakers Local 85**

319 Glenwood Road  
P.O. Box 95  
Rossford, OH 43460  
(419) 666-7761  
FAX (419) 666-1933  
[ron@bl85tc.net](mailto:ron@bl85tc.net)  
[www.bl85tc.net](http://www.bl85tc.net)

**Ron Hammond, Training Coordinator**

Tim Timmons, Business Manager  
Territories Covered: Monroe



# BRICKLAYERS

**Scope of Work** – Bricklayers construct walls, partitions, fireplaces, chimneys, and other structures from brick. They use other masonry materials such as concrete, cinder, or gypsum block, pre-cast panels made of brick, cement, tile, stone, marble, structural tile, or terra cotta. Bricklayers also install the brick linings of individual kilns and furnaces. They understand and work from blueprints. They also use measuring, leveling and aligning tools to check their work.

**Working Conditions** - Much of the work is outdoors and generally depends on suitable weather conditions. Active and often strenuous, with stooping and lifting. Prolonged standing required. Should have the ability to work at heights.

## **Apprenticeship Requirements**

**Length of Program** - 4-year apprenticeship.

**Requirements** – Must be at least 17 years old, have a high school diploma or GED. Dependable transportation is required for entry into the program. Ability to work in the United States and pass a physical exam including drug screen.

Contact either the IMTEF Detroit Training Center or MI BAC Training Center to apply for a 12-week pre-apprenticeship training program. Preference to live in the geographical area as specified for each individual training program.

**Subjects Covered** – Math, Masonry Science, Piers, Windows, Door Openings. Apprentices train with all of the different Masonry units being used in today's industry. Additionally, subjects such as Safety, Structural and Decorative Bonds, Blueprint Reading, Layout, etc., are all integrated into a full scope of the masonry trade.

## **International Masonry Training and Education Foundation (IMTEF Detroit)**

### **Bricklayers & Allied Craftworkers Local 2**

Detroit Training Center  
21031 Ryan Road  
Warren, MI 48091  
(586) 757-6658  
FAX (586) 757-7015  
Howard.hipes@Michiganbricklayers.org  
[www.bricklayers.org](http://www.bricklayers.org)

**Howard Hipes, State Wide Apprentice,  
Training Coordinator & Mentor**

Territories Covered: Metro Detroit (Counties of Wayne, Oakland, Macomb, Monroe & St. Clair)

### **Bricklayers & Allied Craftworkers Local 2**

### **Michigan BAC Training Center**

119 S. Front Street  
Marquette, MI 49855  
(906) 226-3015  
FAX (517) 226-5252  
Howard.hipes@michiganbricklayers.org  
[www.michiganbricklayers.org](http://www.michiganbricklayers.org)

**Howard Hipes, State Wide Apprentice,  
Training Coordinator & Mentor**

Territories Covered: State of Michigan except Metro Detroit

**Michigan Bricklayers & Allied Craftworkers Local 2  
Michigan BAC Training Center**

3321 Remy Drive  
Lansing, MI 48906

(517) 886-2221

FAX (517) 886-5450

Howard.hipes@michiganbricklayers.org

[www.michiganbricklayers.org](http://www.michiganbricklayers.org)

**Howard Hipes, State Wide Apprentice,  
Training Coordinator & Mentor**

Territories Covered: State of Michigan, except Metro Detroit

# CARPENTERS

**Scope of Work** – Carpenters measure, cut, level and nail wood and other building materials. They install tile and insulation, acoustical ceiling, cabinets, siding and much more. They work with many hand tools, power tools, measurement and design layout. Carpenters work with materials to build houses, erect skyscrapers, construct bridges, tunnels and highways. Carpenters make up the largest single group of skilled workers in the country. Work includes rough and finish carpentry, forms for concrete, framing (foundations and walls), roofs, exterior mill work, interior wall coverings, floor, stairs and interior finish.

**Working Conditions** – The typical workday for a carpenter begins early. He/she is often on the job site with a tool box before daybreak and he/she is hard at work before the sun is high in the sky. Much of the work is outdoors, but modern construction methods have eased the problems of the summer's heat and the winter's cold. The average carpenter usually wears a hard hat, tough, durable work clothes and safety shoes or sturdy high-top shoes.

## **Apprenticeship Requirements**

**Length of Program** – 4-year apprentice program, classes one day every two weeks.

**Requirements** – Must be at least 18 years old, can be 17 years old with written approval of parent or guardian, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Prefer strong math skills, especially shop or vocational math, or geometry.

To apply, contact school to schedule written exam (mathematics aptitude). High scorers are given an interview, then placed on an availability list in order by test and interview score and referred to contractors as need arises.

**Courses Required** – Mathematics for Carpentry, OSHA30, Basic Prints, Rigging & Signaling, Builders Level & Transit total station, Stationary Power Equipment, Footings and Foundations, Floor and Wall Framing, Roof Framing, Interior Trim, Stair Building, Column and Deck Framing, Metal Studs and Drywall, Blueprint Reading, Cutting and Arc Welding, Exterior Trim, Ceilings, Advanced Roof Framing, Advanced Stair Building, Advanced Millwork, Scaffold Training and Infection Control for Hospitals.

**Special Classifications** – Commercial and Residential, Pile Drivers, Resilient Floor Layers, and Millmen.

Completion of apprenticeship program may qualify for credit hours toward Construction Technology Degree Program at various Community Colleges.

## **Michigan Statewide Carpenters and Millwrights JATF**

### **Main Office**

23401 Mound Road  
Warren, MI 48091  
(586) 756-3610  
[tod.sandy@hammer9.com](mailto:tod.sandy@hammer9.com)  
[www.millwrights.org](http://www.millwrights.org)

**Tod Sandy, State Training Director**

**Detroit Carpentry Apprenticeship**

11687 American Drive  
Detroit, MI 48204  
(248) 541-2740  
FAX (248) 541-2740  
[www.Buildmifuture.com](http://www.Buildmifuture.com)

Gerald Carlisle, Business Agent - (313) 832-3887

**Millwright Institute of Technology**

27555 Mound Rd.  
Warren, MI 48092  
(586) 573-4660  
[JATC@millwrights1102.org](mailto:JATC@millwrights1102.org)

Michael Barnwell, Business Agent - (586) 756-3610

**Saginaw Carpentry Training Center**

3160 Commerce Center Dr.  
Saginaw, MI 48601  
(989) 755-5856

Leon Turnwald, Business Agent - (989) 753-1487

**Wayland Carpentry and Millwrights Training Center**

500 Reno Drive  
PO Box 457  
Wayland, MI 49348  
(269) 561-8115  
[waylandJATC@hammer9.com](mailto:waylandJATC@hammer9.com)

Vinnie Dawe, Carpenter Business Agent - (616) 384-2775

**Marquette Training Center**

1221 Division Street  
Marquette, MI 49855  
(906) 225-0703  
[marquettejtc@att.net](mailto:marquettejtc@att.net)

Brian Kerrigan, Business Agent - (906) 362-9002

**Grayling Carpentry Training Center**

2410 Industrial Dr.  
Grayling, MI 49738  
(989) 348-8452

Leon Turnwald, Business Agent - (989) 753-1487

**Tod Sandy, State Training Director**

**Philip Garofalo, Training Coordinator**

**David Sincissen, Training Coordinator**

**Tod Sandy, Facility Coordinator**  
**Jose Sanchez, Carpentry Training Coordinator**

**Robert Goodson, Instructor Coordinator**

**David Sincissen, Training Coordinator**

# ELECTRICIANS

**Scope of Work** – The work of Electrical Construction Workers (Inside Wiremen) can be divided into broad categories such as new construction, remodeling, maintenance, and repair of electrical wiring, equipment, and fixtures. While the jobs differ, the mental and physical skills acquired in a properly designed and administered training program prepare the electrical worker for this entire range of work. During a career as a Journeyman, a person will likely be involved in many different types of jobs presenting many new and different challenges, working with his or her hands as well as with their mind. Much of the work involves installation, assembling, testing, repairing, layout, and design of electrical wiring, fixtures, and apparatus used for power, light, heating, air conditioning, and many types of control systems. Most aspects of the career involve the use of computers on the job and during apprenticeship. Due to the work, above average math and reading skills are essential. To ensure that work is completed in accordance with relevant codes, licensing is required in most cities and some municipalities.

**Working Conditions** – Work is done both indoors and outdoors in all temperatures, weather, and environmental conditions. The trade, at times, requires considerable physical effort for lifting, carrying materials, ladders, and tools, and climbing ladders and scaffolds. Since most of the work is performed from ladders, scaffolds, or powered lifts, the Electrical Construction Worker must be comfortable working at a variety of heights. Most job functions require the use of hands and power tools. May cut and weld steel structural members, using flame-cutting and welding equipment.

## Apprenticeship Requirements

**Length of Program** – 5-year apprenticeship, class one day every two weeks.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License or ID. Ability to work in the United States and pass a physical exam including drug screen. Attendance record is important.

Preference to live in the geographical area as specified for each individual training program.

Aptitude Test required. Covers Algebra and Reading Comprehension.

**Courses Required** – Classes include Safety, Electrical Codes, Code Calculations, Motor Controls, Transformers and Motors, Programmable Controllers, Grounding, Journeyman Upgrading - Review of Electric Theory, Codes, Math, etc.

## **Electrical Workers IBEW Local 58 Detroit Electrical JATC**

Electrical Industry Training Center  
2277 East Eleven Mile Rd., Suite 1  
Warren, MI 48092  
(586) 751-6600  
FAX (586) 751-6699  
[www.detroiteitc.org](http://www.detroiteitc.org)

, Training Director

Paul Zanos, Business Manager- IBEW Local 58 - (313) 963-2130 ext. #3043

Territories Covered: Wayne, Oakland, Macomb, Huron, Sanilac, St. Clair and part of Livingston.

**Kalamazoo Joint Apprenticeship and Training Committee Local 131**

3641 East Cork Street  
Kalamazoo, MI 49001  
(269) 388-4434  
FAX (480) 247-4341  
[director@kalamazoo.jatc.com](mailto:director@kalamazoo.jatc.com)  
[www.kalamazoojatc.com](http://www.kalamazoojatc.com)

**Beau Hendrick, Training Director**

Territories Covered: Allegan, Kalamazoo, St. Joseph, and Van Buren counties.

**Electrician Local 252 Ann Arbor Electrical Apprenticeship Training Center  
Ann Arbor Electrical JATC**

13400 Luick Drive  
Chelsea, MI 48118  
(734) 475-1180  
FAX (734) 475-1209  
[www.aaejatc.org](http://www.aaejatc.org)

**John Salyer, Training Director**

Ryan Husse, Career Opportunity Consultant/Business Manager - (734) 424-0978

Territories Covered: Washtenaw and Jackson Counties, parts of Livingston & Ingham Counties.

**Electrician Local 275 West Michigan Electrical JATC**

140 N. 64th Ave. #4  
Coopersville, MI 49404  
(616) 837-7149  
FAX (616) 837-1785  
[wmjatc@gmail.com](mailto:wmjatc@gmail.com)  
[www.wmejatc.org](http://www.wmejatc.org)

**Dave Kitchen, Training Director**

Jonas Talbot, Business Manager

MUST have a VALID MICHIGAN DRIVERS LICENSE TO APPLY

Territories Covered: Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Ottawa; Laketon, Fillmore, Overisel, Salem, Dorr, Leighton in Allegan; Thornapple, & Irving in Barry; Otisco, Orleans, Ronald, North Plains, Keene, Easton, Ionia, Lyons, Boston, Berlin, Campbell & Odessa in Ionia; Coldwater, Gilmore, Sherman, Nottawa, Bloomfield, Deerfield, Rolland & Fremont in Isabella; Sweetwater, Webber, Cherry Valley, Pinora Lake, Yates, Pleasant Plains, & Chase in Lake; Victory, Sherman, Sheridan, Hamlin, Amber, Pere Marquette, Custer, Branch, Summitt, Riverton, Eden & Logan in Mason; Richmond, Hersey, Evert & Orient in Osceola.

**Electrician Local 445 Battle Creek Electrical JATC**

1375 West Michigan Avenue  
Battle Creek, MI 49037  
(269) 964-4545  
FAX (269) 964-4040  
[jason@bcejatc.com](mailto:jason@bcejatc.com)  
[www.bcejatc.com](http://www.bcejatc.com)

**Jason Lemon, Training Director**

Lance Dougherty, Business Manager

Territories Covered: Branch, Calhoun and some of Barry and Eaton.

**Electrician Local 498 JATC**

3912 Blair Townhall Road  
Traverse City, MI 49685  
(231) 943-4193  
FAX (231) 943-8000  
[tcjatc@local498.net](mailto:tcjatc@local498.net)

Territories Covered: Charlevoix, Antrim, Kalkaska, Missaukee, Wexford, Grand Traverse, Leelanau, Benzie, Manistee, Clare, Lake, Mason, Cheboygan, Emmet, Crawford, Osceola, Otsego, Roscommon.

**Timothy R. Babcock, Training Director****Saginaw Electrical JATC Local 557**

7303 Gratiot Rd.  
Saginaw, MI 48609  
(989) 781-0516  
FAX (989) 781-0563  
[evan@ibew557.org](mailto:evan@ibew557.org)  
[www.ibew557.org](http://www.ibew557.org)

**Evan Allardyce, Business Manager**

Applications Accepted Monday-Friday, 8 AM - 4 PM

Territories Covered: Gratiot, Tuscola and Saginaw.

**Rick Mason, Training Director  
810-720-0583****Electrician Local 665 Lansing Electrical JATC**

5708 Corner Stone Drive  
PO Box 40010 MC 4102W  
Lansing, MI 48901  
(517) 483-9688  
FAX (517) 483-9696  
[dale@lejatc.org](mailto:dale@lejatc.org)  
[www.lejatc.org](http://www.lejatc.org)

Aaron Pangborn, Business Manager - (517) 393-5530

Territories Covered: Eaton, Clinton, Gratiot, Ingham, Ionia, Livingston, Shiawassee.

**Dale Goerge, Training Coordinator****Electrician Local 692 Bay City Electrical Apprenticeship Program**

1206 W. Thomas St.  
Bay City, MI 48706  
(989) 686-4890  
FAX (989) 686-5416  
[stevepahl1995@gmail.com](mailto:stevepahl1995@gmail.com)  
[www.IBEW692.org](http://www.IBEW692.org)

Travis Brady, Business Manager - (989) 684-4510

MUST have a VALID MICHIGAN DRIVERS LICENSE TO APPLY

Territories Covered: Alcona, Alpena, Arenac, Bay, Gladwin, Montmorency, Oscoda, Ogemaw, Presque Isle, Iosco, Cheboygan (except Mentor), Midland (except Mt. Haley, Jasper, Porter & Ingersoll), Frost, Franklin, Hayes, Hamilton, Hatton, Arthur, Grand, & Sheridan Township in Clare; Lovells in Crawford; Wawatan in Emmett; Roscommon, Backus &

**Steve Pahl, Training Coordinator  
Ryan Charney, Career Opportunity Consultant**

Nester in Roscommon; Vernon, Wise, Isabella, Denver Union & Chippewa in Isabella; Dover, Chester & Charlton in Otsego, Wisner & Akron in Tuscola.

**The Flint Electrical JATC**  
**IBEW, Local 948 NECA, Flint Division**  
5209 Exchange Drive  
Flint, MI 48507  
(810) 720-0583  
FAX (810) 720-0584  
[flint.saginaw.jatc@sbcglobal.net](mailto:flint.saginaw.jatc@sbcglobal.net)

**Rick Mason, Training Director**  
**Kellogg Dipzinski, Membership**  
**Development Coordinator**

Greg Remington, Business Manager

Territories Covered: Genesee, Lapeer, Shiawassee, Tuscola, Millington

**Electrician Local 906 Upper Peninsula JATC**  
304 Avenue A  
Gwinn, MI 49841  
(906) 346-2717  
FAX (906) 346-2718  
[906JATCDirector@gmail.com](mailto:906JATCDirector@gmail.com)

**Bruce A. Tiseo, Director**  
**Kevin Hogan, Instructor**

Thomas Hogan, Business Manager - (906) 226-7497

Territories Covered: All Upper Peninsula

**Toledo Electrical JATC Local 8**  
**Joint Apprenticeship & Training Committee**  
803 Lime City Road  
Rossford, OH 43460  
(419) 666-8088  
FAX (419) 666-0336  
[grettig@tejatc.org](mailto:grettig@tejatc.org)  
[www.tejatc.org](http://www.tejatc.org)

**Glenn Rettig Training Coordinator**

Roy B. Grosswiler, Business Manager - (419) 666-8920  
Fax (419) 666-3984

Territories Covered: Hillsdale, Lenawee and Monroe.

**South Bend Vicinity Electrical Apprenticeship & Training**  
**Electrician Local 153**  
56365 Peppermint Road  
South Bend, IN 46619  
(574) 233-1721  
FAX (574) 233-1947  
[jgambill@jatc153.com](mailto:jgambill@jatc153.com)  
[www.jatc153.com](http://www.jatc153.com)

**Joseph Gambill, Training Coordinator**

Tawny Dowdy, Career Opportunity Consultant - (574) 233-1721

Territories Covered: Berrien and Cass.



# ELEVATOR CONSTRUCTORS

**Scope of Work** – Elevator constructors handle the installation, repair, and maintenance of elevators, escalators, moving walks, dumbwaiters, and all types of handicap lifts. Work can be with electric or hydraulic type lifts.

## **Apprenticeship Requirements**

**Length of Program** – 4-years of classroom and on-the-job training.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a drug screen.

Preference to live in the geographical area as specified for each individual training program.

[www.NEIEP.org](http://www.NEIEP.org) for application

### **Elevator Constructors Local 36**

1640 Porter Street  
Detroit, MI 48216  
(313) 961-0717  
FAX (313) 961-0986  
JLMiller@neiep.org  
[local36@sbcglobal.net](mailto:local36@sbcglobal.net)

**Jordon Miller, Area Training Coordinator**  
**Mike Waker, Business Manager**

Territories Covered: Alcona, Alpena, Arenac, Bay, Cheboygan, Clare, Crawford, Gladwin, Huron, Iosco, Lapeer, Macomb, Montmorency, Oakland, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, Sanilac, St. Clair, Tuscola, Wayne

### **International Union of Elevator Constructors Local 85**

15694 South US 27  
Lansing, MI 48906  
(517) 882-0100  
FAX (517) 882-1970  
[mike@iuec85.org](mailto:mike@iuec85.org)  
[www.iuec85.org](http://www.iuec85.org)

**Mike Janca, Business Manager**

Territories Covered: Alger, Allegan, Antrim, Baraga, Barry, Benzie, Branch, Calhoun, Charlevoix, Chippewa, Clinton, Delta, Dickinson, Eaton, Emmet, Genesee, Gogebic, Grand Traverse, Gratiot, Hillsdale, Houghton, Ingham, Ionia, Iron, Isabella, Jackson, Kalamazoo, Kalkaska, Kent, Keweenaw, Lake, Leelanau, Livingston, Luce, Mackinac, Manistee, Marquette, Mason, Mecosta, Menominee, Midland, Missaukee, Montcalm, Muskegon, Newaygo, Oceana, Ontonagon, Osceola, Ottawa, Saginaw, Schoolcraft, Shiawassee, St. Joseph, VanBuren, Washtenaw, Wexford

### **IUEC Local 44**

#### **Elevator Constructors**

2300 Ashland Avenue Room 206  
Toledo, OH 43620  
(419) 242-7902  
FAX (419) 242-6627  
[iuec44@aol.com](mailto:iuec44@aol.com)  
[www.neiep.org](http://www.neiep.org)

**Sontas Flores, Business Manager**

Territories Covered: Monroe, Cass, Berrien

# GLAZIERS

**Scope of Work** – Glaziers engaged in construction work cut and install all types and sizes of glass, such as plate glass of all kinds and thickness, clear and heat absorbing window glass, obscure glass, mirrors, leaded glass panels and insulating glass units. They also fabricate and install aluminum entrances, sidelights and show windows. Work can be done on building fronts, interior walls, ceilings and tabletops. They fit and install plastic and porcelain panels in metal and wood frames. Glaziers install glass and aluminum (windows, curtain walls, shower doors, mirrors, hand rails, skylights, entrances, store fronts, etc.) in new construction of commercial and residential buildings and remodeling.

**Working Conditions** – Glaziers work both indoors and outside depending on the job. Window fabricating and some installations are done indoors; however, glaziers do much of their work outdoors or in unheated areas. Glaziers do a great deal of standing, lifting and carrying with some work at heights.

## Apprenticeship Requirements

**Length of Program** – 4-year apprenticeship.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Must have mechanical aptitude, good math skills (basics: add, subtract, multiply and divide), and be good with hands. To apply to Apprenticeship program, you must be hired by a union contractor and be referred to the school by the contractor.

**Courses Required** – Math, Reading, Safety Procedures, Glazing History and Laws, Blue Print Reading and Sketching, Usage of Hand Tools, Power Equipment, Caulking, and Swing Stages.

## **Glassworkers Local 357 Michigan Glass & Glazing Industry**

14587 Barber Avenue  
Warren, MI 48088  
(586) 552-4478  
FAX (586) 552- 4477

**Jeff Flynn, Apprentice Coordinator**

Donald Stepp, Business Representative - (586) 335-6480

Territories Covered: Sanilac, St. Clair, Macomb, Oakland, Wayne, Washtenaw, Monroe, Lenawee and the Eastern half of Livingston County including the city of Howell, in the State of Michigan.

## **Glass & Architectural Metal Workers (Glazier) Local 826**

419 S. Washington Ave.  
Lansing, MI 48933  
517-304-4425  
FAX (989) 695-6889

**Shawn O'Neill, Director of Training**

Rocky Ackerman, Business Representative - (810) 569-6818

Territories Covered: All counties, except those around the Detroit Area.

# HEAT AND FROST INSULATORS

**Scope of Work** - The work of the Heat and Frost Insulator covers a wide-variety of insulation related projects ranging from industrial, commercial, nuclear and electrical power plants, ethanol plants, automotive manufacturing facilities, hospitals, food processing plants, schools and cryogenics. Industrial applies to all types of industries such as chemical process and petrochemical. The commercial field includes building, building services and refrigerated spaces. Transportation includes the insulation of trucks, trailers, railroad cars and ships. Cryogenics is the field of low temperature service, such as required by the liquefied gases. The Heat and Frost Insulator works with many types of materials, such as fiberglass, foam glass, rubber, sound proofing and calcium silicate. They insulate hot and cold piping, refrigerant lines, ductwork, boilers, towers and tanks. Heat and Frost Insulators may also ensure that asbestos is safely removed from buildings during renovation or demolition processes. They are responsible for identifying and disposing of asbestos-containing materials; complying with state and federal laws regarding the disposal.

**Working Conditions** - Heat and Frost Insulators work indoors and outside. They spend most of the workday on their feet, either standing, bending, or kneeling. Insulation work is often dusty and dirty. The minute particles from the insulation materials, especially when blown, can irritate the eyes, skin, and respiratory system. Removing cancer-causing asbestos insulation is a hazardous task and is done by specially trained workers. To protect themselves from the dangers of asbestos and irritants, workers follow strict safety guidelines, wear protective masks and respirators, take decontamination showers and keep work areas well ventilated. Insulation work can be at ground level or in the air.

## Apprenticeship Requirements

**Length of Program** – 4 or 5-year apprenticeship, some training schools train one evening a week, others have a week-long block training and is typically scheduled between September and May. 400 hours of block school is paid by the employer.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License or ID. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

**Courses Required** – Pattern Cutting, Math, Scaffold Building, Metal Cutting, Pattern and Blueprint Reading.

## **Heat and Frost Insulators and Allied Workers Local 25**

Joint Apprenticeship Training Committee  
21353 Bridge St.  
Southfield, MI 48033  
(248) 352-1850  
FAX (248) 352-1851  
[awl25@insulators.org](mailto:awl25@insulators.org)

**Martin Alen, JATC Coordinator**

Territories Covered: Wayne County, Oakland County, Macomb County, St. Clair County and Eastern Washtenaw County.

## **Toledo Area Heat and Frost Insulators Local 45 JATC**

Northwest Ohio Construction Education Center

4535 Hill Avenue  
Toledo, OH 43615  
(419) 531-5911  
FAX (419) 531-4392  
[awl45@insulators.org](mailto:awl45@insulators.org)

**Ryan Webb, Training Coordinator**

Khris Shively, Business Manager - (419) 726-4683

Territories Covered: County of Monroe & Portions of Lenawee County.

**International Association of Heat and Frost Insulators & Allied Workers Local Union 47**

419 S. Washington Square  
Suite 301  
Lansing, MI 48933  
(517) 708-0665  
[awl47@insulators.org](mailto:awl47@insulators.org)

**Phillip Wilson, Training Coordinator**

Local 47 – JATC Training Center  
906 Terminal Rd.  
Lansing, MI 48906

Patrick Welch, Business Manager

Territories Covered: 60 Counties of Lower Michigan, Chippewa, Luce and Mackinac Counties in the Upper Peninsula.

**Heat and Frost Insulators & Asbestos Workers Local 75**

St. Joe Valley Building Trades Building  
1345 Northside Blvd.  
South Bend, IN 46615  
(574) 282-1650  
FAX (574) 282-8032  
[awl75@insulators.org](mailto:awl75@insulators.org)

**Derek Mersich, Training Coordinator**

Andrew Miller, Business Manager/Career Opportunity Consultant

Territories Covered: Berrien and Cass Counties in Michigan.

**Heat and Frost Insulators Local 49 JATC**

2002 London Road  
Room 210  
Deluse, MN 55812  
(218) 821-0236  
[dave@insulatorslocal49.org](mailto:dave@insulatorslocal49.org)

**Mark Lindholm, Training Coordinator**

David Cartwright, Business Manager

Territories Covered: Ontognon, Gogebic

JATC training is accredited and some colleges and universities will transfer classes for credit towards degree program.

**Heat and Frost Insulators & Allied Workers Local 127**

33 East 3<sup>rd</sup> St.

PO Box 185

Clintonville, WI 54929-1707

(715) 823-5669

Fax (715) 823-9144

[awl127@insulators.org](mailto:awl127@insulators.org)

[www.insulators127.org](http://www.insulators127.org)

Jeremy Wicke, Business Manager

**Jeremy Wicke, Training Coordinator**

To apply, follow directions posted at <http://www.insulators127.org/apprenticeship.html>

Territories Covered: Alger, Baraga, Delta, Dickinson, Houghton, Iron, Keweenaw, Marquette, Menominee, Schoolcraft and Isle Royal.

# IRON WORKERS

**Scope of Work** – Iron Workers are skilled workers who erect, assemble, or install fabricated structural metal products, usually large metal beams, in the erection of industrial, commercial or large residential buildings. Structural Iron Workers erect the steel framework of bridges and buildings. Reinforcing Rod Iron Workers set steel bars or steel mesh in concrete forms to strengthen concrete in buildings and bridges. Ornamental Iron Workers install metal stairways, catwalks, gratings, grills, screens, fences and decorative ironwork. The Rigger is an Iron Worker whose job is to move heavy machinery, using rollers, forklifts and other sources of power.

**Working Conditions** – Most of the work is done outdoors, with the exception of some of the ornamental ironwork, remodeling and repair work. Most iron work can be carried on year-round except in instances of very severe weather. Because Iron Workers risk injury from falls from great heights, safety devices such as nets, safety belts and scaffolding are used. They do a great deal of climbing, balancing and reaching.

## **Apprenticeship Requirements**

**Length of Program** – 4-year apprenticeship, attend a fifty (50) hour week once every three (3) months.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Entrance level testing is needed using ACT Workkeys. Math, reading and writing skills are important to succeed in the program.

**Courses Required** – OSHA 30 hr., math, blueprint reading, First Aid/CPR, cranes, rigging, precast, conveyors, metal building erection, structural steel erection and welding.

## **Ironworkers Local 8 - Apprenticeship & Training**

12034 W. Adler Lane  
Milwaukee, WI 53214  
(414) 476-9372  
Upper Peninsula (906) 228-6450  
FAX (414) 476-9742  
[rhanson@iwl8.org](mailto:rhanson@iwl8.org)  
[www.iwl8.org](http://www.iwl8.org)

**Richard D. Hanson, Training Coordinator**

ONLY online applications accepted

Territories Covered: All Counties of the Upper Peninsula and Eastern Wisconsin.

**Ironworkers Local 25 - Iron Workers Apprentice Training Center**

50490 West Pontiac Trail  
Wixom, MI 48393  
(248) 960-2130  
FAX (248) 960-0980  
[matt.rajda@iw25tc.org](mailto:matt.rajda@iw25tc.org)  
[www.ironworkers25.org](http://www.ironworkers25.org)

**Matt Rajda, Training Coordinator**

Michael Randick, Business Manager/FST - (248) 344-9494  
FAX (248) 305-8468

Territories Covered: Lower Peninsula, except Monroe, Cass, Berrien and Lenawee counties.

To apply, go to the website [www.ironworkers25.org](http://www.ironworkers25.org) to print out your application. Applicants are ranked according to their ATC Workkeys test scores and called into class as demand requires.

Graduates of Apprentice Program may receive credit toward a Construction Management degree offered by Washtenaw Community College.

**Toledo Area Ironworkers Joint Apprenticeship Training Center Local 55**

1078 Atlantic Avenue  
Toledo, OH 43609  
(419) 382-3080  
FAX (419) 593-0082  
[iwjatc@iw55.org](mailto:iwjatc@iw55.org)  
[www.local55trainingcenter.com](http://www.local55trainingcenter.com)

**Phil Gluza, Training Coordinator**

Territories Covered: Lenawee and Monroe Counties.

# LABORERS

**Scope of Work** - Laborers work jurisdiction is divided into four general categories: Commercial – the Laborer may tend mason, place concrete, work with operators in site preparation, tend carpenters, and/or clean-up site; Highway – the Laborer will lay sewer and water mains, check road grade for operators, place concrete and asphalt, break and remove old concrete; Underground - the Laborer works as a pipe layer, tailman, or top man while installing sewer, water and gas mains; Industrial Construction – involves all new construction, remodeling and demolition in factory type buildings. Laborers must have common knowledge of all work performed by building trades people, for they are the tenders or helpers in the industry. They are called upon to operate and maintain power tools such as a chainsaw, tamping machine, concrete vibrator, chipping hammer, cutting and burning, demolition, the use of explosives, mixing for and tending of bricklayers and plasterers, installing sewers, cribbing and sheeting.

**Working Conditions** - Laborers are exposed to all weather conditions. Sometimes they are called upon to work at heights and also depths, sometimes hundreds of feet underground on subways, tunnels and storage reservoirs. In their work, there is much bending, walking, standing, lifting and carrying.

## **Apprenticeship Requirements**

**Length of Program** – Apprenticeship requires 4,000 hours of diversified work and training, no less than 300 hours of related instructional classes.

**Requirements** – Must be at least 18 years old. Can apply at age 17 for consideration. Minimum of State Issued ID. Ability to pass a physical exam including drug screen.

No entrance requirements, but several courses require math and reading skills. Oral testing may be used in place of written testing if requested by the student.

The MI Laborers Training Center offers several specific training programs for their members. Occasionally, a non-member may receive "New Start" training at the request of a Local Union or a Union Contractor. Training is ongoing, available as needed/as desired.

## **LiUNA Training of Michigan**

11155 South Beardslee Road  
Perry, MI 48872  
(517) 625-4919  
FAX (517) 625-4046  
[smcdonald@mltai.org](mailto:smcdonald@mltai.org)  
[www.mltai.org](http://www.mltai.org)

**Scott McDonald, Director of Apprenticeship**  
**Daryl Gallant, Director**

Territories Covered: All Counties in Lower Michigan.

## **LiUNA Training of Michigan**

W-8008 South US 2  
PO Box 163  
Iron Mountain, MI 49801  
(906) 774-5703  
FAX (906) 774-4478  
[tstein@mltai.org](mailto:tstein@mltai.org)  
[www.mltai.org](http://www.mltai.org)

**Daryl Gallant, Director**  
**Tim Stein, Site Manager/Instructor**



Territories Covered: All Counties of Upper Peninsula.

**LiUNA Training of Michigan**

5555 Cogswell  
Wayne, MI 48184  
(734) 729-7005  
FAX (734) 729-8792  
[gtaylor@mltai.org](mailto:gtaylor@mltai.org)  
[www.mltai.org](http://www.mltai.org)

**Daryl Gallant, Director**  
**Greg Taylor, Site Manager/Instructor**

Territories Covered: All Counties in Lower Michigan.

**LiUNA Training of Michigan**

211 Hilltop Road  
St. Joseph, Michigan 49085  
(517) 625-4919  
(517)625-4046 FAX  
[dgallant@mltai.org](mailto:dgallant@mltai.org)  
[www.mltai.org](http://www.mltai.org)

**Daryl Gallant, Director**

Territories Covered: All Counties in Lower Michigan.

# MILLWRIGHTS

**Scope of Work** – Millwrights install conveyor systems, giant electrical turbines and generators. Millwrights install and do maintenance on machinery in factories and do much of the precision work in nuclear power plants. Millwrights are skilled construction mechanics who study and interpret blueprints. The Millwright is a construction mechanic whose skills are in the area of moving, leveling, aligning, and installing large machinery. The work includes installation of large machines such as presses, conveyors, etc.—"anything that moves". Skills taught include Welding, Mechanical Theory, Optical Tooling, Machine Repair, Metallurgy, Characteristics of Metals, Shaft Alignment and Shop Math.

**Working Conditions** – Millwrights generally work eight-hour days. Apprentices usually start out helping journeymen with basic tasks like material handling and move into more sophisticated jobs as their knowledge and skills increase. Although millwrights work indoors much of the time on installation and maintenance work, their duties also involve working on the outside of buildings and other structures, in situations often requiring the use of scaffolding. Millwrights work with a variety of hand and portable tools and frequently cut, join and fasten metal construction materials using welding equipment and oxy-acetylene torches.

## **Apprenticeship Requirements**

**Length of Program** – 4-year apprenticeship, one day class every other week.

**Requirements** – Must be at least 18 years old, can be 17 years old with written approval of parent or guardian, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

A pre-apprenticeship program is available, stresses math skills.

To apply, contact school to schedule written exam (mathematics aptitude). High scorers are given an interview, then placed on an availability list in order by test and interview score and referred to contractors as need arises.

**Courses Required** – Metallurgy, Shaft Alignment, Layout Tasks, Power Tools, Shop Math, General Millwright Theory, Metal Cutting/Burning, Safety, Blueprint Reading, Machinery Repair, Welding.

## **Michigan Statewide Carpenters and Millwrights JATF**

**Main Office** (Office only)  
23401 Mound Road  
Warren, MI 48091  
(586) 756-3610  
[todsandy@hammer9.com](mailto:todsandy@hammer9.com)  
[www.millwrights.org](http://www.millwrights.org)

**Tod Sandy, State Training Director**

## **Millwright Institute of Technology**

27555 Mound Road  
Warren, MI 48092  
(586) 573-4660  
FAX (586) 573-2468  
[jatc@millwrights1102.org](mailto:jatc@millwrights1102.org)  
[www.millwrightstraining.com](http://www.millwrightstraining.com)

**Philip Garofalo, Training Coordinator**

Michael Barnwell, Business Agent - (586) 756-3610

Territories Covered: Entire State of Michigan  
**Wayland Carpentry and Millwrights Training Center**  
500 Reno Dr.  
PO Box 457  
Wayland, MI 49348  
(269) 561-8115  
[waylandjtc@hammer9.com](mailto:waylandjtc@hammer9.com)  
[www.realapprenticeship.com](http://www.realapprenticeship.com)

**Tod Sandy, Facility Coordinator**  
**C.J. Hicks, Training Coordinator**

Bill Kenney, Business Agent - (269) 383-6163

**Marquette Millwright Training Center**  
1221 Division Street  
Marquette, MI 49855  
(906) 225-0703  
FAX (906) 225-1160  
[marquettejtc@att.net](mailto:marquettejtc@att.net)  
[www.realapprenticeship.com](http://www.realapprenticeship.com)

**Robert Goodson, Training Coordinator**

Brian Kerrigan, Business Agent - (586) 756-3610

Territories Covered: All 15 counties in Upper Peninsula.

# OPERATING ENGINEERS

**Scope of Work** – Operating Engineers operate and maintain heavy and portable construction equipment. Work includes operation and maintenance of construction equipment such as bulldozers, graders and cranes, scrapers, end loaders, and asphalt plants, rollers and pumps, etc., on all types of projects including highway, commercial, industrial, residential, underground, etc. May repair and maintain equipment in addition to other duties. The Operating Engineer is generally employed in the building of highways, airports, buildings, waterways, stadiums and sewers.

**Working Conditions** – Operators work outdoors and their work is often seasonal. The equipment they operate can have open cabs such as pavers and roller compactors, or crane and truck cabs, that may have heating and air conditioning.

## **Apprenticeship Requirements**

**Length of Program** – 6,000-hour apprenticeship (approximately 3 years), with 200 hours training per year (usually during off-season).

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Reading skills important for maintenance manuals and training materials; math skills important for interpreting grade stakes and load charts, etc. Also need good mechanical skills and good hand/eye coordination.

To apply contact the apprenticeship school to learn when applications are accepted. Applicants selected based on aptitude test and interview scores. Must complete (1)-week pre-apprenticeship program for safety, preventative maintenance, and a general overview.

**Courses Required** – Construction and Shop Equipment Orientation, Fuels/Oils/ Lubricants/ Coolants, Tires/Tracks/Undercarriages, Introduction to Hydraulics/ Engines/Power Trains, Brakes and Steering, Introduction to Oxygen/Acetylene, Introduction to Welding/Welding Applications, Grade Stakes and Their Use in Construction, Crane Types and Applications, Soils and Materials, Safety and Emergency First Aid and Apprentice Block Training.

Local 324 covers the entire state of Michigan with the three locations listed below. John Osika is the Training Director over all three locations. They work with a number of community colleges that will apply JATC Training to college credits. Ask which ones they participate with at the location of interest.

## **Operating Engineers Local 324 Sam T. Hart Training & Education Center**

275 East Highland Road – M-59

Howell, MI 48843

(517) 546-9610

FAX (517) 546-9793

[www.oe324.org](http://www.oe324.org)

**John Osika, Training Director**

Douglas W. Stockwell, Business Manager

Territories Covered: The entire State of Michigan

**Operating Engineers Local 324 Northern Michigan Career Center**

802 Clark Drive  
Gladstone, MI 49837  
(906) 225-7273  
[www.oe324.org](http://www.oe324.org)

Douglas W. Stockwell, Business Manager

**Operating Engineers Local 324 Stationary Engineers Education Center**

1550 Howard St.  
Detroit, MI 48216  
(313) 532-5345  
[www.oe324.org](http://www.oe324.org)

Douglas W. Stockwell, Business Manager

# OPERATIVE PLASTERERS' & CEMENT MASONS

**Scope of Work** – Plasterers apply coats of plaster, cement, stucco, or similar materials to interior or exterior walls, ceilings, and partitions of buildings to produce a uniform, finished surface. They also may produce and install decorative panels, ornamental, rim, cornices and moldings.

Cement Masons pour and finish concrete floors, sidewalks, road paving, airport runways, footings, curb and gutters. Cement Masons also grind and polish floors, epoxy floors, caulk and seal joints. They erect forms for concrete placement and site layouts. Work with decorative concrete and concrete steps, grind and rub walls. Operate trowel machines, grinders and miscellaneous hand tools like chisel and hammers. Works with blue prints.

**Working Conditions** – Plasterers typically work indoors involving reaching, bending and kneeling requiring endurance but not exceptional strength.

Cement Masons typically work outside although inside work is not unusual. Much of the day includes climbing, balancing, stooping and kneeling and good physical endurance is required.

## Apprenticeship Requirements

**Length of program** – The training program is a 3-year apprenticeship

**Requirements** - Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License and reliable transportation. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

## **Michigan Operative Plasterers' & Cement Masons Local 514 International Association Apprenticeship & Training Fund**

2630 Grand Traverse

Flint, MI 48503

(810) 820-9866

(313) 350-0389 Brian Hersch

(586) 615-1564 Jack McCool

FAX (810) 877-6034

[bherschapp514@yahoo.com](mailto:bherschapp514@yahoo.com)

[www.miopcmiatraining.com](http://www.miopcmiatraining.com) Apply Online

**Brian Hersch, Training Coordinator**

**Brian Hersch, Cement Mason Instructor**

**Jack McCool, Plasterer Instructor**

Henry S. Williams, Business Manager - (248) 548-0800

FAX (248) 548-0700

Territories Covered: Entire State of Michigan

**Cement Masons Union Local 514**

**Greater Detroit Cement Masons Joint Apprentice Committee Training Center**

1154 E. Lincoln

Madison Heights, MI 48071

(248) 548-0800

FAX (248) 548-0700

[bherschapp514@yahoo.com](mailto:bherschapp514@yahoo.com)

[www.miopcmiatraining.com](http://www.miopcmiatraining.com)

Territories Covered: All Counties in Michigan

**Toledo Area JATC Plasterers and Cement Masons Local 886**

**Northwest Ohio Construction Education Center**

4535 Hill Avenue

Toledo, Ohio 43615-5301

(419) 531-5911

FAX (419) 531-4392

[www.nocec.com](http://www.nocec.com)

**Colleen Thorton, Training Coordinator**

Ken Vierling, Business Manager - (419) 478-2652

Territories Covered: Monroe, Lenawee and Hillsdale

# PAINTERS

**Scope of Work** – Work includes indoor and outdoor work, brush/roller/spray, with most work being more than 10' off the ground (towers, tall buildings, bridges, etc.). Painters prepare surfaces of buildings and other structures by removing old paint and preparing surface prior to painting. Work with varnish, enamels, lacquer and other materials. May also paint interior rooms or cover walls with paper, fabrics, vinyl or other materials (paperhanger). The painters must be able to mix paints as well as do sandblasting and water blasting.

**Working Conditions** – Painters work both indoors and out. Outside work is done in relatively mild weather. In some jobs, especially maintenance and redecoration of offices and building, the painter may be required to work evenings or weekends. Work is seasonal; however, new materials and methods tend to give more steady employment throughout the year. Physical and health hazards include the dangers of poisoning, falling from ladders and scaffolds, breathing paint fumes and dust. The work involves standing, bending, climbing and working with arms over the head most of the time.

## **Apprenticeship Requirements**

**Length of Program** – 3-year apprenticeship program, 4 hours per week (day or evening).

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen. Eye exam (no color blindness) and no aversion to working at heights. School stresses dependability. Show up on time, every time.

Preference to live in the geographical area as specified for each individual training program.

To apply, contact the District Council office to get a list of contractors. Visit contractors to get hired as apprentice. Contractor will refer to apprenticeship school.

**Courses Required** – Wood Finishing, Blueprint Reading, Color Mixing and Matching, Special Decorative Effects, and Wall Covering. Upgrading for journeymen includes Asbestos Encapsulation and Vinyl Wall Coverings.

## **Finishing Trades of the Great Lakes**

14587 Barber  
Warren, MI 48088  
(586) 552-4481  
FAX (586) 552-4482  
[dot@iupatdc1m.org](mailto:dot@iupatdc1m.org)  
[www.iupatdc1m.org](http://www.iupatdc1m.org)

Scott Macullan, Business Agent – (586) 552-4474

Territories Covered: Lower Peninsula of Michigan

## **Finishing Trades of the Great Lakes**

750 Lake Lansing Rd. Suite C  
Lansing, MI 48906  
(586) 5524481  
Fax (586) 552-4482  
[www.iupatdc1m.org](http://www.iupatdc1m.org)

Robert Gonzalez, Business Manager – (586) 552-4474

Territories Covered: Genesee, Shiawassee and Lapeer Counties.

**Shawn O'Neill, Director of Training**

**Shawn O'Neill, Director of Training**



# PLUMBERS / PIPEFITTERS / HVACR SERVICE TECHNICIANS

**PLUMBER – Scope of Work** – Assembles, installs and repairs pipes, fittings and fixtures of heating, water and drainage systems according to specifications and plumbing codes for residential, commercial and industrial buildings. Also installs natural gas and air lines. Measure, cut, thread, bend, install and tests pipes and pipefittings. Work according to blueprints, specifications and working drawings to perform the work required in sequence of installations. Uses hand and power tools, cutting torch and welding. Installs and repairs plumbing fixtures such as sinks, commodes, bathtubs, water heaters, hot water tanks, garbage disposals, dishwashers and water softeners. Repairs and maintains plumbing by replacing washers in leaky faucets, mending burst pipes and opening clogged drains.

**PIPEFITTER – Scope of Work** – Install piping systems that carry hot water, steam, air or other liquids or gases needed for industrial production, or other uses. Install both high- or low-pressure systems, especially in industrial and commercial buildings. Lay out, fabricate and assemble pipes from drawings, blueprints and specifications. Pipefitters also work on pipes for heating and cooling systems, and install mechanical control systems like automatic fire-sprinkler systems in buildings. Uses equipment for welding, soldering and brazing. Work with Compression Systems, Refrigerant, Motor and Electric Controls. Installation and service of absorption systems, hermetic and semi hermetic and commercial refrigeration.

**HVACR SERVICE TECHNICIANS – Scope of Work** – Work includes service of Heating and Air Conditioning Systems and Refrigeration. Diagnosis and repair work in residential and commercial environments. Installing, commissioning, diagnosing and repairing commercial temperature control projects utilizing computer software programming.

**Working Conditions** – Active and strenuous. Stand for prolonged periods, sometimes in cramped, uncomfortable positions/areas. There is a great deal of walking, standing, reaching, lifting and working in cramped quarters. Must climb ladders and also work below ground level. Work can be dusty and dirty, particularly on waste systems. Pipefitters work both inside and out. In new construction, Pipefitters move onto the project after the basic structure is erected. They are subject to the hazards of working with and around high-pressure gas, steam and chemical lines. Technicians primarily work alone in the field. Should be comfortable working in residential homes with home owners present.

## **Apprenticeship Requirements**

**Length of Program** – 5-year apprenticeship.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen. Most training centers will require a full background check to be passed. Math and reading skills are important to succeed on test and schooling.

Preference to live in the geographical area as specified for each individual training program.

**Courses Required** – Classroom work covers such things as Plumbing Codes, Heating, Air Conditioning, Refrigeration, Hydronic Heating, Welding, Safety, Care and Use of Hand Tools, Rigging, and Basic Pneumatics.

## **Plumbers & Pipefitters Local 172**

### **South Bend Plumbers & Pipe Fitters Training Centers**

4172 Ralph Jones Court

South Bend, IN 46628

(574) 273-0500

FAX (574) 273-1560

[bbuczolich@ua172.org](mailto:bbuczolich@ua172.org)

[www.ua172.org](http://www.ua172.org)

**Broc Buczolich, Training Coordinator**

Kurt Meade, Business Manager - (574) 273-0300

Territories Covered: Cass County, and the city of Niles and vicinity in Berrien County, Michigan.

**Greater Michigan UA Local 190 Joint Training Committee**

8040 Jackson Road  
Ann Arbor, MI 48103  
(734) 426-3700  
FAX (734) 426-3707  
[afielder@190jtc.com](mailto:afielder@190jtc.com)  
[www.ua190.org](http://www.ua190.org)

**Andrew Fielder, Training Coordinator**

Randall Whitaker, Business Manager - (734) 424-0962

Completion of this apprenticeship program qualifies for credit with Washtenaw Community College toward certain associate degree programs.

Applicants must be a resident of Washtenaw County, the townships of Green Oak or Hamburg in Livingston County, or the townships of Clinton, Tecumseh or Macon in Lenawee County.

Territories Covered: Washtenaw County, Hamburg & Green Oak in Livingston County, Township of Clinton, Macon and Tecumseh in Lenawee County.

**UA Local 85 Plumbers, Steamfitters & HVACR Service Technicians****Saginaw Michigan Training Center**

6705 Weiss St.  
P.O. Box 6547  
Saginaw, MI 48608  
(800) LOCAL-85  
(989) 928-7293  
FAX (989) 791-3468  
[jpomerville@ualocal85.org](mailto:jpomerville@ualocal85.org)

**Kevin Moore, Training Coordinator****Justin Pomerville, Business Manager**

Territories Covered: The half of Huron County lying West of M-53, and all of Arenac, Bay, Clare, Gladwin, Gratiot, Isabella, Midland, Saginaw, and Tuscola Counties.

Additionally: INDUSTRIAL WORK in the counties of: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Huron, Iosco, Kalkaska, Leelanau, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon, and Wexford.

**West Michigan Plumbers, Fitters & Service Trades UA Local 174**

1008 O'Malley Drive  
Coopersville, MI 49404  
(616) 837-0222  
[jrumsey@ua174.org](mailto:jrumsey@ua174.org)  
[www.ua174.org](http://www.ua174.org)

**Jeff Rumsey, Training Coordinator**

Ryan Bennett, Business Manager

Territories Covered: The counties of Kent, Lake, Manistee, Mason, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, Osceola, Ottawa, Ionia (except the Townships of Portland and Danby), the northern tier of townships in Allegan and Barry; those being the Townships of Laketown, Filmore, Overisel, Salem, Dorr, Leighton, Thornapple, Irving, Carlton and Woodland.

**Plumbers & Pipefitters Local 333 – Lansing, Jackson and Battle Creek**

16180 National Parkway  
Lansing, MI 48906  
(517) 323-0333  
FAX (517) 323-0338  
[trent@local333.com](mailto:trent@local333.com)  
[www.ua333.org](http://www.ua333.org)

**Trent Mauk, Training Coordinator**

Price Dobernack, Business Manager - (517) 393-5480

Territories Covered: Clinton, Eaton, Ingham, Jackson, Hillsdale, Branch, Calhoun and parts of Barry, Livingston, Portland and Kalamazoo counties.

**Plumbers & Pipefitters HVACR Service Technicians Local 357**

**Kalamazoo Plumbers & Steamfitters JATC**

11841 Shaver Rd.  
Schoolcraft, MI 49087  
(269) 679-2570  
FAX (269) 679-2571  
[rgulbranson@ualocal357.com](mailto:rgulbranson@ualocal357.com)  
[JRock@ualocal357.com](mailto:JRock@ualocal357.com)  
[www.ualocal357.com](http://www.ualocal357.com)

**Justin Rock, Training Coordinator**

Bob Gulbranson, Business Manager - (269) 679-2570

Territories Covered: Kalamazoo, Van Buren, St. Joseph, Allegan, Berrien and Barry Counties.

**Plumbers & Pipefitters and Service Trades UA Local 370**

5500 W. Pierson Road  
Flushing, MI 48433  
(810) 720-5243  
FAX (810) 732-3805  
[KGaby370@gmail.com](mailto:KGaby370@gmail.com)  
[www.ualocal370.org](http://www.ualocal370.org)

**Kevin Gaby, Training Coordinator**

Dan Gaudet, Business Manager

Territories Covered: Genesee, Shiawassee, Lapeer.

**UP Plumbers & Pipe Fitters Training Education Center Local 111**

2601 North 30th Street  
Escanaba, MI 49829  
(906) 789-9784  
FAX (906) 789-9799  
[antoncew@ua111.com](mailto:antoncew@ua111.com)

**Anton Cew, Training Coordinator**

Dean Gutzman, Business Manager

Territories Covered: Upper Peninsula & Niagara, WI.

**United Association Plumbers/Pipefitters Local 671  
Monroe Plumbers & Pipefitters Joint Apprenticeship Committee**  
309 Detroit Avenue  
Monroe, MI 48162  
(734) 242-5711  
FAX (734) 242-4692  
[jakelu671@gmail.com](mailto:jakelu671@gmail.com)

Mike Jewell, Business Manager

Territories Covered: Monroe County

**Jacob Stone, Apprentice Coordinator**  
(734) 265-7027

**Plumbers UA Local 98 – Plumbing Industry Training Center**  
1911 Ring Dr.  
Troy, MI 48083-4229  
(248) 585-1435  
FAX (248) 585-1437  
[ryan.lyle@ualocal98jatc.org](mailto:ryan.lyle@ualocal98jatc.org)  
[ccast@ualocal98.org](mailto:ccast@ualocal98.org)  
[www.plumbers98tc.org](http://www.plumbers98tc.org)

Carlo Castiglione, Business Manager - (248) 752-3703  
FAX (248) 307-9898

Applications through Website go to Apprentice Tab.

Territories Covered: Wayne, Oakland, Macomb, St. Clair, Huron & Sanilac Counties.

**Ryan Lyle, Training Coordinator**

**Pipefitters – Steamfitters, Refrigeration & Air Conditioning Service Local 636  
Pipefitting Industry Training Center**  
636 Executive Drive  
Troy, MI 48083  
(248) 585-0636  
FAX (248) 585-3907  
[jwilson@pipefitters636tc.org](mailto:jwilson@pipefitters636tc.org)  
[www.pipefitters636tc.org](http://www.pipefitters636tc.org)

Sam Cadena, Business Manager - (248) 538-6636

Territories Covered: Wayne, Oakland, Macomb, St. Clair, Huron & Sanilac Counties.

**James Wilson, Training Coordinator**

# ROOFERS

**Scope of Work** – Roofers specialize in putting roofs on buildings and other structures to make them water and weather proof. They cover roofs of structures with composition shingles, tile, slate, asphalt, aluminum, wood and related materials. They may spray roofs, siding and walls with material to bind, seal, insulate, or soundproof sections of structures. Roofers are also called to waterproof and damp-proof walls and other building surfaces. They use modern equipment to handle their materials, thereby lessening the physical exertion that was formerly required.

**Working Conditions** – With the exception of waterproofing of some walls, the roofers work outdoors in all kinds of weather and only shut down operations when the weather becomes too severe. Most of the time they work on the top of buildings installing roofing materials. In their work, they do a great deal of climbing, kneeling, standing and walking. Must be comfortable working from heights.

## **Apprenticeship Requirements**

**Length of Program** – 3-year apprenticeship, classes one day a week (September through May).

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

To apply, you must be employed by a union contractor and be a member for minimum of 800 hours. Then, contractor may refer to apprenticeship program.

**Courses Required** – Safety, First Aid and CPR, Math, Small Engine Repair, Roofing Systems, Estimating, Time Management, Blueprint Reading, and Personal Financial Planning.

## **Roofers and Waterproofers Local 70 Apprentice School**

1451 Old Pinckney Road  
Howell, MI 48843  
(517) 548-4839  
FAX (517) 548-5358  
[chuck@rooferslocal70.com](mailto:chuck@rooferslocal70.com)

## **Chuck Rumsey, Apprentice Coordinator**

Mark Woodward, Business Manager

Territories Covered: Muskegon, Mecosta, Newaygo, Oceana, Hillsdale, Jackson, Livingston, Washtenaw, Ingham, Eaton, Clinton, Branch, Calhoun, Barry, St. Joseph, Kalamazoo, Van Buren, Ionia, Kent, Ottawa, Montcalm, Lake, Mason.

## **Roofers Local 149 Apprentice School**

10621 Capital  
Oak Park, MI 48237  
(248) 543-3847  
FAX (248) 543-3871

## **Tom Jarnowski, Training Coordinator**

Brian Gregg, Business Manager

Territories Covered: Wayne, Oakland and Macomb

**Toledo Area JATC Roofers & Waterproofers**  
**Northwest Ohio Construction Education Center**  
4535 Hill Avenue  
Toledo, Ohio 43615-5301  
(419) 531-5911  
FAX (419) 531-4392  
[www.nocec.com](http://www.nocec.com)

**Colleen Thorton, Training Coordinator**

Mike Kujawa, Business Manager Local 134 (419) 478-3785

Territories Covered: Monroe and Lenawee Counties.

# SHEET METAL WORKERS

**Scope of Work** – Most sheet metal work is related to HVAC systems or Architectural Sheet metal. Sheet Metal Workers fabricate, assemble and install metal of varying thicknesses, including very heavy plate as well as many nonmetallic construction materials such as various forms of insulation. Sheet metal workers design, install and service heating, ventilating and air conditioning systems. Work includes installation and servicing complex computerized HVAC system controls. Sheet Metal Workers work from CAD, blueprints and sketches. These set out the dimensions, locations, assembly procedures, and installation sequences that they must follow to detail. Architectural work includes fabrication and installation of products such as metal roofing systems, wall panel systems, roof drainage systems, coping, flashing, roof edging and historical restoration. Sheet Metal work includes many other aspects of fabrication and installation including paint ovens, spray booths and fume and particulate collecting systems. While working from blueprints, work is cut, formed, fabricated and erected using the materials for construction. Sheet Metal Workers work with a variety of hand, mechanical and power cutting, punching, and forming machines, welding and burning equipment and lifting equipment such as hoists, chain falls, cranes, hi-lows, and helicopters.

**Working Conditions** – Work is performed indoors and outdoors and in all types of weather. It involves considerable standing, bending, kneeling, walking, reaching and lifting. Work can be performed at elevated heights and frequent unaided lifting of tools, materials, supplies and equipment weighting as much as 75 pounds. The work may be performed in easily accessible or cramped spaces located above, at or below ground level, in cold or extreme heat, and/or in clement or inclement weather.

## **Apprenticeship Requirements**

**Length of Program** – 4-year & 5-year apprenticeships with additional classroom work. See the specific JATC for the specific length and classroom/hour requirements.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Applicants will take an entrance exam. The highest scores on the exam will be considered for an interview and placement in the apprenticeship program. No experience is required but special consideration may be given to those with experience. Extra consideration may be given for those with high grades in some math courses (algebra, shop/trade math, trigonometry, geometry, etc.). Prefer drafting, shop and welding classes.

**Courses Required** – OSHA 30 hr., Math, Blueprint Reading, First Aid/CPR, Cranes, Rigging, Precast, Conveyors, Metal Building Erection, Structural Steel Erection, Sheet Metal, Commercial Service, Residential Service, Commercial Layout, Residential Layout, Industrial Layout, Trade Math, Siding and Decking, Signaling and Rigging, Architectural Sheet Metal, NEMI and Welding.

**Sheet Metal Workers Local Union 80 Training Center**

32700 Dequindre  
Warren, MI 48092-1006  
(586) 979-5190  
FAX (586) 979-4282  
[matt@smw80jac.org](mailto:matt@smw80jac.org)  
[www.smw80jac.org](http://www.smw80jac.org)

**Matt O'Rourke, Training Director**

Tim Mulligan, Business Manager (248) 557-7575

**Length of Program** - 4-year Architectural Sheet Metal program and 5-year Building Trades program.

To apply, contact the training center for an appointment to apply in person.

Territories Covered: Wayne, Oakland, Macomb, Washtenaw, St. Clair and Sanilac.

**Sheet Metal Workers Local 292 Joint Apprenticeship Training Committee**

64 Park Street  
Troy, MI 48083  
(248) 589-3237  
FAX (248) 589-7856  
[dpistotti@smwl292jatc.org](mailto:dpistotti@smwl292jatc.org)  
[www.sheetmetal292.com](http://www.sheetmetal292.com)

**David Pistotti, Training Coordinator**

Paul Gualdoni, Business Manager

**Requirements** - A minimum of: Four years from the date of indenture into the Apprenticeship Program; 96 school days attended plus completion of three separate evening class sessions; 8000 hours of On the Job Training (OJT); Satisfactory completion of all homework assignments, required projects and upgrade tests. A Current "American Red Cross Standard First Aid" card and 4 Welding Certifications

Credits applied to Henry Ford Community College's Construction Technology Degree

Territories Covered: Wayne, Oakland, Macomb, Washtenaw, St. Clair and Sanilac.

**Sheet Metal Workers Local 33**

27430 Crossroads Parkway  
Rossford, OH 43460-1706  
(419) 873-9964  
FAX (419) 873-9968

**Length of Program** – 5-year Apprenticeship Training Program.

Apprentices get credit towards their associates degree from Owen Community College in Rossford, OH

To apply: Applications are available on the 4<sup>th</sup> Tuesday of each month. 11:30 a.m. – 6:30 p.m. Valid driver's license must be submitted at the time of application. \$15.00 non-refundable application fee – cash only. Applications accepted from those 17 years of age and older with a high diploma or GED.

Territories Covered: Lenawee and Monroe Counties.



## **Sheet Metal Local 7 Apprenticeship Requirements**

**Length of Program** – 4 -year apprenticeship with school one day every two weeks. No cost to the apprentice for training. Time spent in school is paid by apprentice's employer. Local 7 also has Articulation agreements with Baker College, Muskegon Community College and Delta Community College. Some of your classes taken will count towards an Associate's Degree in Construction Management or Construction Technology at these schools.

Local 7 Websites

[www.sheetmetal7.org](http://www.sheetmetal7.org)

[www.sheetmetal-iti.org](http://www.sheetmetal-iti.org)

### **Sheet Metal Local 7 – Marshall**

1612 Brooks Drive  
Marshall, MI 49068  
(269) 781-7183  
FAX (269) 781-7197  
[kdowdysmw7@gmail.com](mailto:kdowdysmw7@gmail.com)

**Ryan Lehmann, Training Coordinator**

Sam Fuler, Business Manager

Territories Covered: (Zone 1) Vanburen, Kalamazoo, Allegan, Barry, Ionia, Eaton, Calhoun, Branch, Clinton, Ingham, Jackson, Livingston, Hillsdale

### **Sheet Metal Local 7 – Grand Rapids/Muskegon**

5815 S. Dangi Rd.  
Fruitport, MI 49415  
(231) 366-7269  
FAX (231) 366-7279  
[dscarlavai@gmail.com](mailto:dscarlavai@gmail.com)

**Darek Scarlavai, Training Coordinator**

Territories Covered: See website for full details

### **Michigan Sheet Metal Training & Apprenticeship, Inc. Flint/Saginaw/Traverse City/Grand Rapids/Upper Peninsula**

4070 Dolan Drive  
Flint, MI 48504  
(810) 785-8111  
FAX (810) 785-3369  
[dscarlavai@gmail.com](mailto:dscarlavai@gmail.com)

**Darek Scarlavai, Training Coordinator**

Territories Covered: See website for full details

### **Sheet Metal Local 7 – Upper Peninsula/Marquette**

304 Avenue A  
Gwinn, MI 49841  
(906) 372-9288  
FAX (906) 372-9058  
[rsternsmw7@gmail.com](mailto:rsternsmw7@gmail.com)

**Darek Scarlavai, Training Coordinator**

Ryan Stern, Business Agent

Territories Covered: (Zone 5) See website for full details

# SPRINKLER FITTERS

**Scope of Work** – Sprinkler Fitters create, maintain, inspect and modify new or current sprinkler systems. Work is in residential homes, commercial buildings and other areas sprinkler systems are necessary. Sprinkler fitters are pipe fitters who work specifically in fire protection. Install and design overhead sprinkler and hose systems, fire mains, underground systems and underground closed valves. They inspect and test systems as well as clean and modify current systems and/or repair defective, worn or broken parts. They will measure and mark pipes for cutting and threading, assemble and secure pipes, tubes and fittings, and turn off heating systems to secure new pipes. Welding and soldering of pipes to create joints and attach pipes to fixtures.

**Working Conditions** – Most work is indoors. However, the ability to troubleshoot problems and good physical strength are necessary, as well as the ability to lift and climb with heavy loads. You must also be able to handle heights. Knowledge of practical engineering applications is also helpful. Computer knowledge is important and good math skills are essential.

## **Apprenticeship Requirements**

**Length of Program** – 5-year apprenticeship program, with classes one day every other week for the first four and a half years.

**Requirements** – Must be at least 18 years old, have a high school diploma or GED and a valid Michigan Driver's License. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

To apply, contact the school to schedule a test (math and mechanical aptitude). Top scorers are interviewed and placed on availability list in order by test/interview scores.

**Courses Required** – Classes presented include NFPA Codes, Safety, Fire Pumps, Underground Piping, Hazardous Waste Operations and Emergency Response (HAZWOP), etc.

## **Sprinkler Fitters Local 704 – Training Center**

32500 West Eight Mile Road

Farmington, MI 48336

(248) 473-8259

FAX (248) 474-0798

[Gray.jeff5150@yahoo.com](mailto:Gray.jeff5150@yahoo.com)

**Jeff Gray, Director**

Cell (248) 508-0453

Territories Covered: Wayne, Oakland, Washtenaw, Macomb.

# TILE, MARBLE, TERRAZZO

**Scope of Work** – Ceramic tile and terrazzo craftsmen work with a wide range of materials and techniques. They lay marble and ceramic tile. Ceramic tile and terrazzo craftsmen will do new work as well as repair and remodeling on commercial and residential buildings. They use a variety of hand and power tools and work from blueprints. The work includes preparation, fabrication and installation of ceramic tile, marble and terrazzo inside and outside of buildings.

**Working Conditions** – Tile, Marble, Terrazzo layers generally work indoors. Much of the workday is spent bending, kneeling, and reaching that requires endurance but not exceptional strength.

## **Apprenticeship Requirements**

**Length of Program** – 4 years. Prior to start of apprenticeship, a 12-week pre-approved tile course is offered.

**Requirements** – Must be at least 17 years old, have a high school diploma or GED and dependable transportation. Ability to work in the United States and pass a physical exam including drug screen.

Preference to live in the geographical area as specified for each individual training program.

Contact either the IMTEF Detroit Training Center or MI BAC Training Center to apply for the 12-week pre-apprenticeship training program.

**Courses Required** – None

## **International Masonry Training and Education Foundation (IMTEF Detroit)**

### **Bricklayers & Allied Craftworkers Local 2**

21031 Ryan Road

Warren, MI. 48091

(586) 757-6658

FAX (586) 757-7015

Howard.hipes@Michiganbricklayers.org

[www.bricklayers.org](http://www.bricklayers.org)

**Howard Hipes, State Wide Apprentice,  
Training Coordinator & Mentor**

Territories Covered: Metro Detroit (Counties: Wayne, Oakland, Macomb, Monroe, St. Clair)

### **Michigan Bricklayers & Allied Craftworkers Local 2**

### **Michigan BAC Training Center**

3321 Remy Drive

Lansing, MI 48906

(517) 886-2221

FAX (517) 886-95450

Howard.hipes@Michiganbricklayers.org

[www.bricklayers.org](http://www.bricklayers.org)

**Howard Hipes, State Wide Apprentice,  
Training Coordinator & Mentor**

## **UPPER PENINSULA SCHOOL LOCATION**

119 S. Front Street

Marquette, MI 49855

(906) 226-3015

FAX (517) 226-5252

Territories Covered: State of Michigan except Metro Detroit