

## Website for the Organized Construction Industry

**Why it is innovative** — The innovative part of the website exists in two significant areas: (1) it is an attempt to provide information, at the level and best method for the target audience, various levels of students, the graduate high school student, former college student, and/or individuals working in the trade interested in the organized industry; (2) it is the commitment of one organization to elevate all of the industry, not just themselves.

All members of the Industry were working to determine the best possible way to solicit apprentice and journey workers of the caliber necessary to provide the best project for the construction owner. A number of trade associations and the building trades came together and began jointly working toward that goal. One of the joint efforts was an *“Apprentice and Training Resource Manual”* outlining information about the industry.

The Greater Michigan Plumbing & Mechanical Contractors Association (PMC) participated enthusiastically in the above, but our commitment to career development led us to research and develop a more innovative way to reach today’s youth and technically inclined worker. In an effort to assist not only our industry, but the total of the construction industry, the Greater Michigan PMC took on the task of developing a website ([www.miconstructioncareers.org](http://www.miconstructioncareers.org)) that covers every segment of the organized construction industry. It lists all organized training schools and outlines in detail, the type of work involved in each particular construction discipline.

**What it changed or replaced** — The website has changed the way the industry is viewed, both by possible applicants, but of an even greater benefit, the high school and college counselors that we work with. We continue to do school presentations, construction forums, various job fairs, and statewide conferences, such as those for school boards, principals and counselors, and construction instructors. Our impact increased dramatically.

The website greatly elevated the enthusiasm of all of the above, and it is providing appreciable results. School personnel that we meet during presentations have ordered large quantities of the Apprentice Manual and utilized the Website for class projects, unheard of before for the construction industry. The site was featured in a statewide billboard campaign that greatly increased the number of visits to the site. Apprenticeship programs are now beginning to report improved applicants from contacts with the site. The site was developed so that anyone, in any part of the State of Michigan, could via the site, contact any local training program for answers to questions, and/or to file their name for consideration. Each week the Greater Michigan PMC continues to answer questions and forward inquiries from the site to training centers. ***On-line for a little over a year, the site has received over 100,000 hits (going past the cover sheet) enabling interested individuals the opportunity to learn more about a career in the construction industry.***

**Where and when originated** — The site was developed at the offices of the Greater Michigan PMC in May and June of 1999, and it is updated on a weekly basis. As the site continues to obtain national recognition through news reports and discussion at trade association levels, we are now seeing other sites of the same nature being established. Information on our site is being sent out throughout the country. All information is provided free of charge, and the ability to download all pertinent information on the industry from our server is available to assist with the continued positive marketing of the construction industry as a whole.

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**Accessing Career Opportunities**  
*(Accessing Career Opportunities)*

**Unionized Construction Apprentice Schools**  
There are numerous opportunities available for the Michigan Organized Construction Industry. We are looking for the brightest and the best to become involved in our trades. Just click on any of the organization listed below to learn more about the trade and how to apply.

<a href="#">Asbestos Workers</a>	<a href="#">Laborers</a>
<a href="#">Boilermakers</a>	<a href="#">Millwrights</a>
<a href="#">Bricklayers &amp; Allied Craftworkers</a>	<a href="#">Operating Engineers</a>
<a href="#">Cement Masons</a>	<a href="#">Painters &amp; Drywall Finishers</a>
<a href="#">Carpenters/Floor Layers/Lathers</a>	<a href="#">Plumbers / Pipefitters / HVACR Technicians / Gas Distribution</a>
<a href="#">Electrical Workers</a>	<a href="#">Roofers &amp; Waterproofers</a>
<a href="#">Elevator Constructors</a>	<a href="#">Sheet Metal Workers</a>
<a href="#">Glaziers &amp; Glassworkers</a>	<a href="#">Sprinkler Fitters</a>
<a href="#">Iron Workers</a>	<a href="#">Tils, Marble &amp; Terrazzo Masons</a>

[Career](#) | [Offerings](#) | [Salaries](#) | [Opportunities](#)  
[Associations](#) | [Directory](#) | [Home](#)

**Website  
Top, Left,  
And Right**

**Below:  
Joint  
Billboard  
Campaign**

**Accessing Career Opportunities**  
*(Accessing Career Opportunities)*

**PLUMBERS / PIPEFITTERS / HVACR TECHNICIANS / GAS DISTRIBUTION**

**PLUMBER - Scope of Work** - Responsible for the installation of water line systems to kitchens, bathrooms, lavatories, etc., in residential, commercial and industrial buildings. Also install natural gas and air lines. Assemble, install and repair pipes, fittings and fixtures according to specifications and plumbing codes. Measure, cut, thread, bend, install and test pipes and pipefittings. Work according to blueprints, specifications and working drawings to perform the work required in sequence of installations.

**Working Conditions** - Active and strenuous. Stand for prolonged periods, sometimes in cramped, uncomfortable positions. Must climb ladders and also work below ground level. Work can be dirty, particularly on waste systems.



**PIPE FITTER - 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. They also work on pipes for heating and cooling systems, and install automatic fire-sprinkler systems in buildings.

**Working Conditions** - Pipe Fitters work both inside and out. In new construction, Pipe Fitters move onto the project after the basic structure is erected. The work is active and strenuous. There is a great deal of walking, standing, reaching, lifting and working in cramped quarters. They are subject to the hazards of working with and around high-pressure gas, steam and chemical lines.