

TRADE	SCOPE OF WORK	REQUIREMENTS	CONTACT INFORMATION
Boilermakers	Construction 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.	GED, age 18, entrance exam, pre-physical evaluation and drug test	313.584.8520 www.boilermakerslocal169.com
Bricklayers & Restoration Workers	Construct walls, partitions, fireplaces, chimneys and other structure from brick. 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. Install the brick linings of industrial kilns and furnaces and masonry restoration and repair.	GED, age 18, valid MI driver's license	586.757.6668 www.bricklayers.org
Carpenters	Carpenters erect a building's wood frame, including subflooring, sheathing, partitions, floor joists, studs and rafters. They install heavy timbers, build forms, erect scaffolding and install molding, wood paneling, cabinets, window sashes, door frames, doors, hardware, build stairs, and lay floors. In addition, as part of their job, carpenters saw fit and assemble plywood, wallboard and many other materials. Within carpentry, Floor Layers install carpeting, hardwood flooring, decorative flooring, soft tiles and "Linoleum type" products made of vinyl and rubber is the work of the floor layers. Lathers install all sorts of modern equipment and material in commercial buildings - acoustical ceilings, raised floors for computers, metal framing, wall partitions, and office furniture systems, just to name a few.	GED, age 17, birth certificate, social security card, picture id, drug test	248.541.2740 www.detcarpapp.org
Cement Masons	Finish the exposed concrete surfaces on many types of construction projects. These projects range from small jobs, such as the finish of patios, floors and sidewalks, to work on dams, concrete highways, foundations and walls of buildings, and airport runways.	GED, age 18, valid MI driver's license, pre-job training	586.757.6668 / 248.548.0800 www.bricklayers.org
Drywall Finishers/Tapers	Apply drywall taping compounds and tape to wall surfaces, making finished walls in preparation for painters, paperhangers, carpenters and tile layers.	GED, drug test	586.552.4481 www.iupatdc1m.org
Electrical Workers	Lay-out, assemble, install and test electrical fixtures, apparatus, high-voltage, medium-voltage and low-voltage electrical systems. Install and connect electrical machinery, equipment, controls, signal and communication systems, fire alarm, instrumentation, security and Audio Visual switches, conduits, circuit breakers, wires, lights and other electrical components.	GED, minimum 1 year of post-high school algebra	586.751.6600 www.detroitetc.org
Elevator Constructors	Handle installation, repair, and maintenance of elevators, moving walks, dumbwaiters, shuttles, temporary elevators, private residence elevators, man-lifts and all types of handicap lifts and stair climbers.	GED, age 18, physical evaluation, drug test, high school math helpful	313.961.0717
Glaziers & Glassworkers	Install glass and aluminum building components in new construction, residential and remodeling projects.	GED, mechanical aptitude, good math skills and ability to work well with hands	586.552.4483 www.iupatdc1m.org
Heat & Frost Insulators	Includes the fabrication, and installation of Mechanical Insulation and protective jacketing. The insulation is applied to piping, ductwork, boilers, tanks, etc...to conserve energy by preventing heat loss, freeze-up, and condensation of those systems in commercial and industrial settings.	GED, age 18, valid driver's license, good math skills, aptitude test, drug screening, reliable transportation	248.352.1850 asbwrks25@aol.com heatfrostinsulators.com jatcinfo@heatfrostinsulators.com

Iron Workers	Structural Iron Workers assemble, erect and install fabricated iron sections. Ornamental Iron Workers install metal stairways, window walls and sashes, doors, gates, fences, railings, etc. Reinforcing Iron Workers are employed wherever reinforced concrete is used in the construction of such things as buildings, freeways, bridges and drainage channels. Special Building Erectors erect pre-engineered buildings. Rigging and Machinery Movers load, unload, move and set machinery, equipment and material using cranes, derricks, forklifts or by hand, utilizing a series of blocks and tackle.	GED, age 18, valid driver's license, physical exam, drug test, aptitude test	248.960.2130 www.ironworkers25.org
Construction Craft Laborers	Laborers have common knowledge of all work performed by building tradespeople, for they are the tenders or helpers in the industry. They are divided into four general categories. Commercial may tend mason, place concrete, work with operators in site preparation, tend carpenters, clean-up site. Highway may lay sewer and water mains, check road grade for operators, place concrete and asphalt, break and remove old concrete. Underground works as a pipe layer, tailman, top man installing sewer, water and gas lines. Industrial Construction involves new construction, remodeling and demolition in factory-type buildings.	Age 18, drug test, several courses require math and reading skills, reliable transportation	517.625.4919 906.774.5703 734.729.7005 www.mltai.org
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Millwrights	Millwrights are construction mechanics with skills in moving, leveling, aligning and stalling large machinery. Also part of the Millwright's scope is rigging, erecting, splicing of belts, cleaning, lubricating and replacing gears, and fabrication and installation of conveyor systems, turbines and generators, automated systems and welding. Millwrights also repair all of the above systems as well as install them.	GED, age 18, driver's license and reliable transportation, apply in January	586.573.4660 www.millwrightstraining.com
Operating Engineers	Operate and maintain heavy and portable construction equipment. Work includes operation and maintenance of construction equipment such as bulldozers, graders, cranes, scrapers, loaders, asphalt plants, rollers and pumps, etc...., on all types of projects. The Operating Engineer is generally employed in the building of highways, airports, buildings, sewers, waterways and stadiums.	GED, age 18, valid driver's license, reliable transportation, physical exam, drug test, written aptitude test	517.546.9610 www.oe324jatf.org
Painters	Prepare the surface of buildings and other structures and then apply paint, varnish, enamel, lacquer, and similar materials to these surfaces.	GED, no color blindness or aversion to heights	586.552.4481 www.iupatdc1m.org
Pipefitters, Refrigeration & Air Conditioning Service	Install both high and low-pressure pipes that carry hot water, steam and other liquids and gases, especially those in industrial and commercial buildings.	GED, age 18, valid Michigan driver's license. The following high school courses are preferred: math, science, architectural drawing, welding, auto mechanics and machine shop.	248.585.0636 www.pipefitterstc.org
Plasterers	Finish interior walls and ceilings by using a one, two or three-coat system over interior lathe. Install insulated finish systems, apply stucco to exterior walls and ceilings and soundproof and fireproof buildings. Create specialized molds and can have a major role in renovating historic buildings.	GED, age 18	248.548.0800 www.opcmia.org

Plumbers	Alter, repair, maintain and install plumbing systems, plumbing fixtures and appliances, water distribution and waste disposal systems. Install the medical gas systems in health-care facilities.	GED, age 18. The following high school courses are preferred: math, science, architectural drawing, welding, auto mechanics, machine shop	248.585.1435 www.ualocal98.org
Roofers & Waterproofers	All types of commercial buildings, from the small corner store to the huge "square miles" of automotive plants, buildings ranging in height from one story to the tallest 100 storey skyscrapers. Install a wide variety of roofing materials, generally on flat roofs. The roofs are generally made up hot tar, hot asphalt, modified bitumen, or rubber membrane.	Age 18, reliable transportation to work	248.543.3847 www.smrca.org
Sheet Metal Workers	Make, install and maintain air-conditioning, heating, ventilation and pollution control duct systems; roofs, siding; rain gutters and downspouts; skylights; restaurant equipment; outdoor signs; and other building parts and products made from metal sheets. Work with fiberglass and plastic materials. Although some workers specialize in fabrication, installation or maintenance, most do all three jobs.	GED, age 18, three-part entrance exam	586.979.5190 / 248.586.3237 www.smw80jac.org
Sprinkler Fitters	Install the fire suppression systems of all types including wet and dry, carbon dioxide and foam. Work in both commercial and residential buildings. Work includes unloading, handling and installing piping, tubing and related materials. Install overhead and underground water mains, fire hydrants and hydrant mains, standpipes and hose connections, sprinkler tank heaters, air lines and thermal systems connected to sprinkler and alarm systems.	GED, math skills stressed, ability to lift at least 100 pounds and work in narrow paces on ladders and high scaffolding	248.474.8259 www.local704.com
Tile, Marble & Terrazzo Masons	Construct walls, partitions, fireplaces, swimming pools and other structures from tile, marble and terrazzo. Use other materials such as cement, epoxy, tile, stone, marble, terrazzo and terra cotta.	GED, age 18, valid driver's license, twelve weeks of pre-apprenticeship training	586.757.6668 www.bricklayers.org

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