



## MAINTENANCE AND REPAIR WORKERS, GENERAL

### ADVANCED MANUFACTURING INDUSTRY OCCUPATION OUTLOOK IN MICHIGAN, 2023

## OCCUPATION SUMMARY

This role involves applying engineering principles to improve industrial layouts and production under engineering staff guidance. Key tasks include conducting time and motion studies to enhance efficiency, testing products for quality, and ensuring adherence to specifications. Responsibilities also include evaluating data to maintain product reliability and verifying compliance with quality standards. Learn more at [onetonline.org](https://onetonline.org)

## JOB TITLES

The Maintenance and Repair Workers, General occupation refers to the entire industry in which someone works. Some examples of specific job titles for this occupation include:

- *Maintenance Technician*
- *Field Service Technician*
- *Installation Technician*
- *Field Service Engineers*
- *Maintenance Mechanics*

**Debt-free training and additional support may be available to jobseekers and those currently employed in this career**

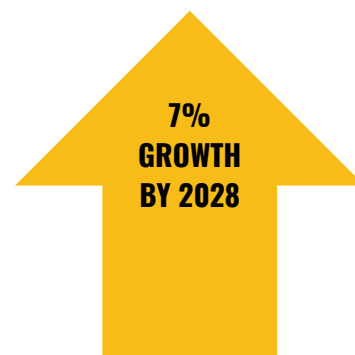
Contact your local **Michigan Works! Agency** to learn more  
[michiganworks.org/michigan-works-network](https://michiganworks.org/michigan-works-network)

## AVERAGE WAGE IN MICHIGAN

	Entry	Median	Experienced
Hourly	\$13.64	\$19.37	\$29.74
Annually	\$28,371	\$40,290	\$61,859

## OCCUPATIONAL GROWTH

Projected to grow faster than average (7%); 4,553 annual job openings are predicted.



## EARN WHILE YOU LEARN: REGISTERED APPRENTICESHIP

Employers or sponsors may provide apprenticeship opportunities, enabling individuals to acquire hands-on experience, engage in related instruction while receiving compensation. Completing a registered apprenticeship program can lead to career advancement and an average annual income of \$80,000. [Learn more.](#)

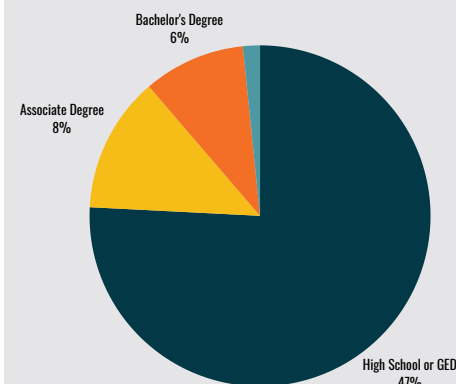
## GROW A CAREER WITH ADVANCED DEGREES AND CERTIFICATES

### PROFESSIONAL CERTIFICATIONS

- HVAC Certification
- Commercial Driver's License (CDL)
- EPA 608 Technician Certification
- Automotive Service Excellence (ASE) Certification
- EPA Universal Certification
- CompTIA A+
- Pool & Spa Operator Certification
- Forklift Certification
- Pesticide Applicator License
- Air Brake Certification
- Cisco Certified Network Associate
- CFC Refrigeration Certification
- NICET Certification (National Institute for Certification in Engineering Technologies)
- American Welding Society Certification
- ITIL Foundation Certification

### EDUCATION

Percentage of Job Postings by Education Level



## A POTENTIAL PATH TO SUCCESS

Explore strategies for overcoming significant factors that can impact employment by clicking [here](#). The following illustration outlines a potential career trajectory based on labor market insights within this occupation.

### ENTRY LEVEL COMPETENCIES (0-2 YEARS EXPERIENCE)

Current employees who obtain training may be offered a new position, additional responsibility, and/or additional benefits.

#### Skills/knowledge in:

- Plumbing
- HVAC
- Painting
- Carpentry

#### Qualifications:

- Valid Driver's License

#### Skills/knowledge in:

- Preventive Maintenance
- Snow Removal
- Drywall (Installation and Repair)
- Field Service Management

#### Qualifications:

- HVAC Certification

#### Skills/knowledge in:

- Machinery
- Hand Tools
- Hydraulics
- Facility Repair and Maintenance
- Power Tool Operation
- Microsoft Suite
- Electrical Systems

### MID-LEVEL COMPETENCIES (3-6 YEARS EXPERIENCE)

Continue gaining skills to stay relevant in an ever-changing ecosystem.

#### Skills/knowledge in:

- Blueprinting
- Boilers
- Programmable Logic Controllers
- Mechanics
- Construction
- Forklift Truck

#### Qualifications:

- Commercial Driver's License (CDL)

#### Skills/knowledge in:

- Project Management
- Equipment Repair
- Technical Services
- Auditing
- Automation
- Electronics
- Lean Manufacturing

#### Skills/knowledge in:

- Swimming Pool Maintenance
- Landscaping
- Appliance Repair
- Electricity
- Property Maintenance
- Oil And Gas

#### Qualifications:

- EPA 608 Technician Certification

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