

MICHIGAN STATEWIDE CARPENTERS AND MILLWRIGHTS TRAINING CENTER

TRADE SUMMARY

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, and Shop Math.

WHAT TO ANTICIPATE

Apprentices can work more than a 40 hour average during the year but they might work a month of 80+ paid hours. An apprentice usually starts 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 to work at height. 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.

WRITTEN EXAM

RELIABLE TRANSPORTATION

X

HIGH SCHOOL DIPLOMA/GED

X

PASS A DRUG TEST

X

18+ YEARS

X

VALID DRIVER'S LICENSE

X

REQUIRED DOCUMENTS

- Valid Driver's License
- High School Diploma / GED
- DD214 (if applicable)

LENGTH OF PROGRAM:

4 YEARS

WORKKEY SCORES

Applied Mathematics: 5

CONTACT INFORMATION

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OCCUPATIONS WITHIN UNION

- Millwrights

LEARN MORE:



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