



## PRODUCTION OCCUPATIONS

OCCUPATION	DESCRIPTION	EDUCATION	NATIONAL SALARY	NATIONAL GROWTH	STATE SALARY
CNC Machine Operators	Operate computer-controlled tools, machines, or robots to machine or process parts, tools, or other work pieces made of metal, plastic, wood, stone, or other materials.	High School Equivalency, On-the-Job Training, Certification	\$42,260   \$20.32/hr	2.0%	IN: \$35,000 MI: \$38,610
CNC Machine Programmers	Develop programs to control machining or processing of materials by automatic machine tools, equipment, or systems. May also set up, operate, or maintain equipment.	High School Equivalency, On-the-Job Training, Certification	\$57,470   \$27.76/hr	8.0%	IN: \$52,590 MI: \$59,120
Cutting, Punching, & Press Machine Setters, Operators & Tenders	Set up, operate, or tend machines to saw, cut, shear, slit, punch, crimp, notch, bend, or straighten metal or plastic material.	High School Equivalency	\$36,980   \$17.78/hr	2.0%	IN: \$33,200 MI: \$34,210
Helpers – Production Workers	Duties include supplying or holding materials or tools, and cleaning work area and equipment.	High School Equivalency	\$32,000   \$15.39/hr	6.0%	IN: \$31,800 MI: \$31,960
Industrial Machinery Mechanics	Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.	High School Equivalency and: On-the-Job Training, Certifications	\$55,490   \$26.68/hr	8.0%	IN: \$55,830 MI: \$52,750
Machinists	Set up and operate a variety of machine tools to produce, fabricate, modify, repair precision parts and instruments. Use lathes, milling machines, and grinders.	High School Equivalency and: On-the-Job Training, Certifications	\$47,800   \$22.98/hr	7.0%	IN: \$46,400 MI: \$45,650
Maintenance & Repair Workers, General	Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of a building in repair.	High School Equivalency and: On-the-Job Training, Certifications	\$40,850   \$19.64/hr	3.5%	IN: \$40,590 MI: \$37,600
Maintenance Workers, Machinery	Lubricate machinery, change parts, or perform other routine machinery maintenance.	High School Equivalency and: On-the-Job Training, Certifications	\$50,100   \$24.08/hr	6.0%	IN: \$50,270 MI: \$48,470



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Millwrights	Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.	High School Equivalency and: On-the-Job Training, Certifications	\$57,260   \$27.53/hr	6.0%	IN: \$61,880 MI: \$59,750
Multiple Machine Tool Setters, Operators, & Tenders	Set up, operate, or tend more than one type of cutting or forming machine tool or robot.	High School Equivalency, On-the-Job Training	\$37,510   \$18.03/hr	2.0%	IN: \$37,270 MI: \$37,900
Occupation Health and Safety Technicians	Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.	Associate's or Bachelor's Degree	\$53,340   \$25.65/hr	6.0%	IN: \$48,500 MI: \$50,480
Packaging and Filling Machine Operators & Tenders	Operate or tend heating equipment other than basic metal, plastic, or food processing equipment.	High School Equivalency	\$41,190   \$20.15/hr	5.0%	IN: \$35,460 MI: \$35,380
Production, Planning, & Expediting Clerks	Coordinate and expedite the flow of work and materials within or between departments according to production schedule.	High School Equivalency and: On-the-Job Training, Associate's Degree	\$49,640   \$23.86/hr	3.5%	IN: \$46,310 MI: \$49,590
Quality Control Analyst	Conduct tests to determine quality of raw materials, bulk intermediate and finished products.	High School Equivalency and: On-the-Job Training, Certifications, or Associate's Degree	\$52,460   \$25.22/hr	6.0%	IN: \$55,090 MI: \$55,090
Tool and Die Makers	Construct precision tools or metal forms, called dies, that are used to cut, shape, and form metal and other materials. Use CAD/CAM technology.	High School Equivalency and: Certifications	\$55,520   \$26.69/hr	7.0%	IN: \$56,490 MI: \$57,040
Welders & Cutters	Use hand-welding, flame cutting, hand soldering, or brazing equipment to join, repair, or cut metal parts and products.	High School Equivalency and: Certifications	\$46,690   \$22.45/hr	8.0%	IN: \$42,160 MI: \$42,370