

Career Opportunities in Maintenance and Operations

Careers in maintenance/operations involve managing and repairing machinery and facilities to ensure smooth and efficient operation. These roles include unloading, inspecting, and positioning new equipment; determining optimal machine placement; assembling, installing, and repairing machinery; performing preventive maintenance; diagnosing and correcting minor issues; and maintaining the overall structure of facilities. Key industries include refineries, power plants, chemical plants, and mills. ¹

Career spotlight: General Maintenance and Repair Worker ^{2,5}

- **Responsibilities:** Fix and maintain machines, mechanical equipment, and buildings
- **Education:** High school diploma or equivalent
- **Training:** On-the-job training, starting with simple tasks and learning from skilled workers
- **Median Annual Wage:** \$46,700 (May 2023)

Starting salary for a General Maintenance and Repair Worker:

\$26,130

High-end salary for a Maintenance Manager:

\$131,908

More Career Opportunities



Design/Pre-Construction

Pathway: Architect, Civil Engineer, Environmental Engineer, Interior Designer, Landscape Architect, and more.

Construction Pathway:

Carpenter, Electrician, Plumber, HVAC Technician, Painter, Roofer, and more.

Maintenance/Operations

Pathway: Demolition Engineer, Hazardous Materials Remover, Highway Maintenance Worker, Hydro Testing Technician, Preservationist, Reliability Engineer, Restoration Technician, Thermal Control Technician, Wastewater Maintenance

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Essential Skills and Education ³

High School Preparation

Focus on physics and mathematics, plus courses in vocational training related to mechanics and industrial maintenance.



Post-Secondary Education

Associate degree or certification in industrial maintenance or related fields, with specialized training programs available at many junior colleges and vocational schools.

General Skills

Mechanical aptitude, problem-solving, communication, flexibility, and time management.

