



South Dakota
High Demand
&
High Wage
Career

Career Cluster:
Advanced Manufacturing



Industrial Machinery Mechanics

Standard Occupational Code 49-9041

What They Do

Install, adjust, maintain, and repair factory equipment and other industrial machinery, such as conveying systems, production machinery and packaging equipment.

Is This For You?

Work Interests are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

Realistic (Doers) — Prefer to work with objects, things, machines, tools, plants or animals. They have mechanical ability, enjoy being outdoors and working with their hands.

Conventional (Organizers) — Detail oriented and organized. They like to analyze data, keep financial records and do research. They can be counted on to be accurate and enjoy structure and closure.

Work Styles (personality tendencies) of people who perform well in this occupation have:

Cautiousness — A tendency to be careful, deliberate, and risk-avoidant when making work-related decisions or doing work.

Attention to Detail — A tendency to be detail-oriented, organized, and thorough in completing work.

Dependability — A tendency to be reliable, responsible, and consistent in meeting work-related obligations.

Abilities reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career.

- Control Precision
- Finger Dexterity
- Manual Dexterity
- Near Vision
- Problem Sensitivity
- Arm-Hand Steadiness
- Reaction Time
- Multi-limb Coordination

Work Activities

- Making Decisions and Solving Problems
- Identifying Objects, Actions, and Events
- Monitoring Processes, Materials, or Surroundings

Education & Training

Some postsecondary education in an appropriate mechanics program is recommended. Without that education, job seekers need on-the-job experience to be competitive. Demonstrated skill is the most important qualification.

A registered apprenticeship is another option for preparing for this occupation. To learn more, visit StartTodaySD.com or contact your local Job Service office to get started.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	4
Workplace Documents	4
Graphic Literacy	4

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of machinists are:

- Food Manufacturing
- Miscellaneous Manufacturing
- Chemical Manufacturing
- Machinery Manufacturing

South Dakota Employment & Wages

2024 Employment	2034 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
1,273	1,622	349	27.4%	152	\$61,560	\$62,610

Additional References

Labor Market Information Center

www.dlr.sd.gov/lmic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetonline.org

mySkills myFuture

<https://www.myskillsmyfuture.org/>

Provided By

Labor Market Information Center
South Dakota Dept. of Labor and Regulation
605.626.2314

Visit dlr.sd.gov/hotcareers to obtain the most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in this occupational profile.

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