



**South Dakota
High Demand
&
High Wage
Career**



Career Cluster: 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 Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

Support — Offer supportive management that stands behind employees.

Independence — Allow employees to work on their own and make decisions.

Working Conditions — Offer job security and good working conditions.

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

Basic Skills You Need

- Equipment Maintenance
- Operation and Control
- Operations Monitoring
- Repairing
- Troubleshooting
- Quality Control Analysis
- Critical Thinking

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.

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:

- Animal Slaughtering and Processing
- Chemical Manufacturing
- Motor Vehicle Parts Manufacturing

South Dakota Employment & Wages

2022 Employment	2032 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
1,250	1,590	340	27.2%	143	\$59,690	\$60,500

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

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