Industrial Machinery Mechanics

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.

Investigative (Thinkers) - interested in science and logic. They like to analyze, evaluate and solve problems, and enjoy learning and understanding the causes of events.

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.

- Arm-Hand steadiness
- Manual dexterity
- Control precision
- Finger dexterity
- Multilimb coordination
- Reaction time
- Hearing sensitivity
- Near vision
Basic Skills You Need

• Equipment Maintenance
• Repairing
• Operation Monitoring
• Troubleshooting

Education & Training

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

A registered apprenticeship is another option for preparing for this occupation. To learn more, visit StartTodaySD.com to be connected with a staff person at your nearest Job Service office to help you get started.

Recommended Levels* for the National Career Readiness Certificate

<table>
<thead>
<tr>
<th>Skill</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Math</td>
<td>4</td>
</tr>
<tr>
<td>Workplace Documents</td>
<td>4</td>
</tr>
<tr>
<td>Graphic Literacy</td>
<td>4</td>
</tr>
</tbody>
</table>

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of industrial machinery mechanics are:

• Food Manufacturing
• Miscellaneous Manufacturing
• Fabricated Metal Product Manufacturing
• Machinery Manufacturing
• Chemical Manufacturing

South Dakota Employment & Wages

<table>
<thead>
<tr>
<th>Year</th>
<th>Workers</th>
<th>Change</th>
<th>Percent</th>
<th>Demand for</th>
<th>Average Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>1,249</td>
<td></td>
<td></td>
<td></td>
<td>$45,288</td>
</tr>
<tr>
<td>2028</td>
<td>1,502</td>
<td>253</td>
<td>20.3%</td>
<td>151</td>
<td>$47,140</td>
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Provided By

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

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