



South Dakota High Demand & High Wage Career

Career Cluster: Construction



Plumbers, Pipefitters, and Steamfitters

Standard Occupational Code 47-2152

What They Do

Assemble, install or repair pipes, fittings or fixtures of heating, water or drainage systems according to specifications or plumbing codes. May install heating and cooling equipment and mechanical control systems like sprinkler systems.

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.

- Problem Sensitivity
- Finger Dexterity
- Near Vision
- Deductive Reasoning
- Manual Dexterity
- Far Vision
- Inductive Reasoning
- Trunk Strength

Work Activities

- Getting Information
- Identifying Objects, Actions, and Events
- Making Decisions and Solving Problems
- Inspecting Equipment, Structures, or Materials

Education & Training

Some postsecondary education in a relevant program is recommended for plumbers, pipefitters and steamfitters.

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.

Plumbers must be licensed in South Dakota. For more information, visit: <http://dlr.sd.gov/plumbing>.

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 plumbers are:

- Specialty Trade Contractors
- Self Employment
- Heavy and Civil Engineering Construction
- Administrative and Support Services

South Dakota Employment & Wages

2024 Employment	2034 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
1,978	2,175	197	10.0%	188	\$51,620	\$55,530

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/>

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