



## South Dakota High Demand & High Wage Career

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

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

**Relationships** — Allow employees to provide service to others and work with co-workers in a friendly, non-competitive environment.

**Support** — Offers supportive management that stands behind employees.

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

- Near Vision
- Problem Sensitivity
- Arm-Hand Steadiness
- Manual Dexterity
- Multilimb Coordination
- Oral Comprehension

## Basic Skills You Need

- Critical Thinking
- Active Listening
- Judgment and Decision Making
- Speaking

## 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](http://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, pipefitters and steamfitters are:

- Specialty Trade Contractors
- Self Employment
- Local Government, excluding Education and Hospitals

## South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
1,754	1,924	170	9.7%	203	\$49,080	\$51,890

## Additional References

### Labor Market Information Center

[www.dlr.sd.gov/lmic](http://www.dlr.sd.gov/lmic)

### Career OneStop

[www.careeronestop.org](http://www.careeronestop.org)

### O\*Net Online

[www.onetonline.org](http://www.onetonline.org)

### mySkills myFuture

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

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South Dakota Dept. of Labor and Regulation  
605.626.2314

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