



South Dakota
High Demand
&
High Wage
Career



Career Cluster:
Architecture & Construction

Structural Iron and Steel Workers

Standard Occupational Code 47-2221

What They Do

Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings.

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.

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

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.

- Multi-limb Coordination
- Static Strength
- Arm-Hand Steadiness
- Manual Dexterity
- Near Vision
- Visualization

Basic Skills You Need

- Coordination
- Operation and Control
- Operations Monitoring
- Active Listening
- Critical Thinking
- Active Learning
- Complex Problem Solving

Education & Training

The minimum of a high school diploma or equivalent is recommended for structural iron and steel workers, followed by learning the trade on the job.

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	3
Workplace Documents	3
Graphic Literacy	3

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of structural iron and steel workers are:

- Foundation, Structure, and Building Exterior Contractors
- Self Employment

South Dakota Employment & Wages

2022 Employment	2032 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
891	993	102	11.5%	90	\$51,930	\$55,070

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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