



INFRASTRUCTURE
 MINING & METALS
 NUCLEAR, SECURITY & ENVIRONMENTAL
 OIL, GAS & CHEMICALS



Structural Ironworker

Job Objectives

To raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks; to handle various tools, equipment, and materials in the preparation of structural steel members at the worksite.

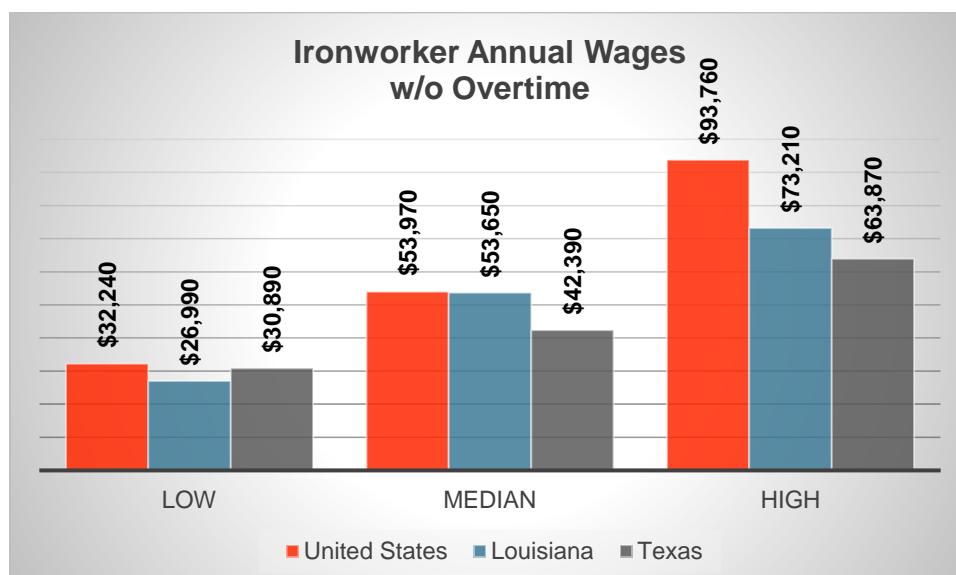
Essential Job Functions

- Set up hoisting equipment for raising and placing structural steel members.
- Install steel members into approximate position while member is supported by a hoisting device.
- Install members into final position, using turnbuckles, sleever bars, porta powers, and hand tools.
- Align holes in member with corresponding holes in previously placed member by using drift pins, bull pins, spud wrenches, and sleever bars.
- Verify vertical and horizontal alignment of members, using Bazooka bobs, lasers, and levels.
- Make alterations to steel members using welding equipment or grinders with metal cutting discs.
- Load, transport, unload materials, tools, equipment, and supplies.
- Perform maintenance or cleaning activities on tools and equipment.

Critical Demands of a Structural Ironworker

Demand	Description	Frequency
Climbing	Caged ladder, 20-25 ft. increments, up to 150 ft.	Frequently
Crouching and Reaching	For up to 5 minutes on even, uneven, narrow and/or elevated surface.	Frequently
Kneeling and reaching	For up to 5 minutes on even surfaces.	Frequently
Squatting	For up to 4 minutes on even and uneven surfaces.	Frequently
Working overhead	From various positions - squatting, standing, crouching.	Occasionally
Trunk rotation	From standing or kneeling.	Frequently
Walking	Throughout the day on even and uneven surfaces up to 500 ft.	Continuously
Gripping	Up to 60 lb.	Frequently
Performing duties	At various elevations comfortably.	Frequently

Estimated Earnings



Qualifications

- Age 18 years+.
- HS diploma or equivalent.
- Manual dexterity.
- Arm-hand steadiness.
- Near vision.
- Stamina.

A Targeted Growth Occupation

These roles are among the most in-demand professions along the Gulf Coast. They are expected to add the most jobs in the long- and short-term, and to pay above median wages.

Construction Wages

- Wages are competitive with area projects.
- Hourly wages may be adjusted throughout the life of the project.
- Overtime hours are typical with each project.