Casimir Okafor-Brannigan

Journeyman Structural Ironworker, Connector and Rigger

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SUMMARY

Journeyman structural ironworker with 8 years erecting steel on hospitals, parking structures and mid-rise offices, including 3 years as lead connector. Set more than 4,000 tons of steel without a recordable injury, holds NCCCO Rigger Level II and Signalperson cards, and is AWS D1.1 certified for structural welding.

EXPERIENCE

Journeyman Ironworker – Lead Connector — Three Rivers Steel Erectors

Pittsburgh, PA · Mar 2020 – Present

- Lead a 4-person raising gang on 6 projects, setting about 2,600 tons of structural steel with 0 recordable injuries.
- Connected beams and columns on a 9-story hospital tower, averaging 38 pieces a day and finishing the frame 2 weeks ahead of schedule.
- Rigged and signaled 1,100 crane picks up to 22 tons, including 14 tandem lifts planned with the crane operator and lift engineer.
- Bolted up and torqued 18,000 high-strength bolts using turn-of-nut and calibrated wrenches, passing every third-party inspection.

Journeyman Ironworker — Allegheny Frame & Deck Co.

McKeesport, PA · Jun 2017 – Feb 2020

- Erected steel and metal deck on 4 parking structures and 2 warehouses, totaling about 1,500 tons.
- Laid and welded 220,000 square feet of metal deck with shear studs, keeping the deck ahead of 3 concrete crews.
- Installed perimeter cable and safety netting on 5 jobs, with 0 fall protection citations during site audits.
- Welded 300 moment connections to AWS D1.1, with a weld rejection rate under 2% on ultrasonic testing.

SKILLS

Erection: Structural steel connecting, plumbing and bolting, metal decking, shear studs, column splices

Rigging: Slings and hardware selection, tandem lifts, tag lines, hand and radio signals

Welding and cutting: SMAW and FCAW structural welding, oxy-fuel cutting, air arc gouging

Safety: 100% tie-off, self-retracting lifelines, controlled decking zones, aerial lifts

CERTIFICATIONS

NCCCO Rigger Level II, 2021

NCCCO Signalperson, 2021

AWS D1.1 Structural Welding (3G and 4G), 2023

OSHA 30 Construction, 2019

EDUCATION

Ironworkers Local Apprenticeship (4 years), completed 2017

High school diploma, Penn Hills High School, 2013

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