

Marcus Vance

Certified Welder & Fabricator (AWS / ASME)

📞 (555) 382-9014 • ✉️ marcus.vance@email.com • 📍 Meridian, ID • 🌐 letx.app/p/marcus-vance

Dedicated, AWS-certified Welder and Fabricator with over 7 years of industrial experience in structural steel fabrication, high-pressure pipe welding, and heavy machinery repair. Proven track record of delivering high-quality welds passing 100% UT/X-ray inspections. Expert in SMAW, FCAW, and GTAW processes with a strong commitment to OSHA safety standards and team collaboration.

🔑 Key Trade Certifications & Licences

- **AWS Certified Welder (D1.1 & D1.5):** Structural Steel and Bridge Welding (FCAW / SMAW)
- **ASME Section IX Pipe Certification (6G):** High-Pressure GTAW/SMAW Pipe Welding
- **OSHA 30-Hour Construction Safety Card:** Industry-standard hazard recognition and site safety
- **Overhead Crane & Rigging Certification:** Safe operation of overhead bridge and mobile cranes

⚙️ Technical Skills

- **Welding Processes:** FCAW (Flux-Cored), SMAW (Stick), GTAW (TIG), GMAW (MIG), Oxy-Fuel Welding
- **Materials:** Carbon Steel, Stainless Steel, Aluminum, Cast Iron, Structural Alloys, Hardfacing
- **Tools & Equipment:** Plasma Cutter, Track Torch, Carbon Arc Gouging, Grinders, Band Saws, Overhead Cranes
- **Core Competencies:** Blueprint Reading (AWS Symbols), Joint Preparation, Fitting & Alignment, Rigging

📁 Professional Experience

Lead Welder / Fabricator

Apex Industrial Fabricators

📍 Meridian, ID

📅 2023 – Present

- Lead fabrication and multi-pass welding of heavy structural components, ensuring 100% compliance with AWS D1.1 standards.
- Weld thick-gauge carbon steel using FCAW and SMAW processes in flat, horizontal, vertical, and overhead positions.
- Perform detailed layout, fit-up, and tack welding of complex assemblies from blueprints, reducing material waste by 12%.
- Maintain a weld defect rate of less than 0.5% across all QA/QC inspections, coordinating closely with NDT inspectors.
- Direct a team of 4 apprentice welders, enforcing strict OSHA safety protocols to maintain a zero-incident safety record.

Structural Welder

Vertex Structural Steel

📍 Boise, ID

📅 2020 – 2023

- Welded structural steel beams, columns, and trusses for commercial construction projects, working safely at heights.
- Conducted high-strength structural joint welds using FCAW-S (self-shielded) with 100% Ultrasonic Testing (UT) clearance.
- Utilized oxy-fuel and plasma cutting torches to prepare raw materials, chamfer edges, and bevel pipes.
- Rigged and moved heavy structural components using overhead bridge cranes, ensuring safe handling and load balance.
- Interpreted blueprints and welding symbols to align structural steel components within tight tolerances of $\pm 1/16$ inch.

Pipe Welder & Fitter (Apprentice)

Nimbus Power & Infrastructure

📍 Nampa, ID

📅 2018 – 2020

- Welded high-pressure carbon and stainless steel piping systems (2" to 24" diameter) using GTAW and SMAW (6G position).
- Achieved a 100% X-ray inspection pass rate on over 150 structural and pressure-pipe welds.
- Prepared pipe joints by grinding, beveling, and fitting backing rings or spacing gaps according to ASME Section IX.
- Assisted senior fabricators in laying out, fitting, and assembling custom piping manifolds and skids.

🎓 Education & Training

Associate of Applied Science in Welding Technology

Meridian Technical College

Graduate of the Coded Welding Program

Meridian, ID | 2018