

Steve B.

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FIFO Available | Open to Shutdown Campaigns | 2:1 or Even-Time

PROFESSIONAL SUMMARY

Trade-qualified boilermaker with 14+ years of structural steel fabrication, plant maintenance and shutdown experience across WA mining, oil & gas and major construction projects. Strong across MIG, TIG and stick welding to AS/NZS 1554.1 SP and pressure-pipe procedures, with current high-pressure pipe and structural welder qualifications. Reliable shutdown performer with multiple repeat engagements across major Pilbara and NW Shelf turnarounds. Recognised for clean weld quality, weld-procedure discipline, and ability to interpret complex isometric drawings without supervision.

KEY SKILLS & COMPETENCIES

- Structural Steel Fabrication – AS/NZS 1554.1 SP welds across beam, column, brace and gusset assemblies for mining, civil and resource projects
- High-Pressure Pipe Welding – TIG root + stick fill/cap on carbon and stainless to ASME IX procedures for shutdowns and refinery turnaround work
- MIG, TIG & Stick Welding – Multi-process competence across mild steel, stainless, duplex and abrasion-resistant plate (Bisalloy 400/500)
- Drawing Interpretation – Structural and pipework isometric drawings, P&IDs, weld maps, and ITPs without supervision
- Shutdown Maintenance – Repeat engagements across multiple Pilbara and NW Shelf turnarounds including chute liners, transfer station rebuilds, and tank repair
- Rigging & Lifting – Basic Rigging (CB), Dogging (CD), and Working at Heights for crane-assisted erection and lifting at height
- Quality Assurance – Witness-point coordination with ITPs, weld traceability, and NDT preparation including grinding, cleaning and weld profile verification
- Hot Work Permit Discipline – Daily JSA review, fire watch coordination, and isolation verification for hot work in active plant environments

LICENCES & CERTIFICATIONS

- Cert III in Engineering – Fabrication Trade (Boilermaker)
- AS/NZS 1554.1 SP Structural Welder Qualification
- ASME IX High-Pressure Pipe Welder Qualification
- Working at Heights
- Confined Space Entry & Stand-By
- Basic Rigging (CB)
- Dogging (CD)
- Forklift LF Licence
- EWP up to 11m
- Standard 11 (Coal Mining)
- White Card (CPCCWHS1001)
- Senior First Aid + CPR
- C Class Driver's Licence
- HR Heavy Rigid Licence

PROFESSIONAL EXPERIENCE

FIFO Boilermaker – Shutdown

January 2022 – Present

Mining Services Contractor, Pilbara WA

- Performed structural and pressure-pipe welding across four Pilbara iron ore shutdowns ranging 14-28 days in duration on a recurring shutdown roster
- Specialised in transfer station chute liner replacement, including measurement, fitting and welding of Bisalloy 400/500 abrasion-resistant plate
- Held both AS/NZS 1554.1 SP structural and ASME IX high-pressure pipe weld qualifications throughout, allowing flexible deployment across structural and piping scopes
- Maintained 100% NDT pass rate across approximately 1,200 inspected welds over the engagement, with no rework calls from QC
- Operated as informal trade leader on two shutdowns, coordinating crew of four boilermakers and trade assistants on the chute liner critical path

Boilermaker / Welder

March 2018 – December 2021

Tier-2 Structural Fabricator, Perth WA

- Fabricated structural steel assemblies for mining, civil and resource construction projects to AS/NZS 1554.1 SP including beams, columns, braces and gussets
- Read and interpreted shop drawings independently, working from cutting list to fit-up to weld-out and surface preparation for delivery
- Built and maintained jigs for repeated assemblies, reducing fit-up time by approximately 30% on high-volume jobs
- Trained two apprentices in machine setup, weld procedure compliance, and finishing techniques during their second and third years

Boilermaker

July 2014 – February 2018

Civil & Resource Contractor, WA

- On-site fabrication, modification and repair across civil construction projects including bridge structural steel, conveyor frame fabrication, and equipment guarding
- Performed in-situ welding on heavy plant repairs including dozer track frames, dump truck tray relining, and excavator bucket teeth replacement
- Worked rotating shift coverage across a four-year tenure with no LTIs and only two minor first-aid events

Apprentice Boilermaker

February 2010 – June 2014

Tier-2 Engineering & Fabrication, WA

- Completed four-year apprenticeship and Cert III in Engineering – Fabrication Trade with strong assessor feedback on weld quality and drawing interpretation
- Rotated through fabrication, on-site installation, and shutdown maintenance scopes during apprenticeship to build well-rounded trade competence

REFERENCES

Available on request