

Liam C.

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FIFO Available | 2:1 or 8:6 | Open to All Rosters

PROFESSIONAL SUMMARY

Cert III qualified Process Plant Operator with 7+ years of crushing, grinding, flotation and dewatering experience across WA mineral processing operations. Strong understanding of metallurgical balance, cyclone efficiency, and reagent dosing across copper-gold and iron ore beneficiation circuits. Experienced across SCADA HMI control, sample collection and rapid response to upset conditions. Recognised for shift discipline, structured handover, and an instinct for catching incipient circuit drift before it becomes a downtime event.

KEY SKILLS & COMPETENCIES

- Crushing Circuit Operations – Primary gyratory and secondary cone crusher control, screen and stockpile management, and tramp metal removal protocols
- Grinding & Classification – SAG and ball mill operation, cyclone efficiency monitoring, and grind size control to plant target P80
- Flotation Operations – Reagent dosing, froth depth control, mass pull management, and metallurgical balance across rougher/scavenger/cleaner circuits
- Dewatering & Tailings – Thickener bed level control, flocculant dosing, filter press operation, and tailings paste preparation discipline
- SCADA HMI Operations – Citect, Wonderware InTouch, and PI Vision-based plant monitoring, alarm response, and shift trend analysis
- Sample Collection & Lab Coordination – Routine and one-off sample collection, prep and submission with on-site lab for assay turnaround
- Pre-Start & Compliance – Comprehensive plant walks, isolation verification, and shift handover documentation across multiple unit operations
- Safety Leadership – Take 5s, JSAs, energy isolation, confined space entry preparation, and proactive hazard reporting

LICENCES & CERTIFICATIONS

- Cert III in Process Plant Operations
- C Class Manual Driver's Licence
- Confined Space Entry & Stand-By
- Working at Heights
- Senior First Aid + CPR
- Standard 11 (Coal Mining)
- Generic Mining Induction (WA)
- White Card (CPCCWHS1001)
- Forklift LF Licence
- EWP up to 11m
- Gas Test Atmospheres
- Issue Permits to Work

PROFESSIONAL EXPERIENCE

Process Plant Operator

Tier-1 Iron Ore Producer, Pilbara WA

November 2021 – Present

- Operating wet plant including primary crushing, scrubber, screening, dewatering and product stockpile circuits on a 2:1 even-time FIFO roster
- Responding to SCADA alarms across the wet plant control room, including cyclone overflow blockage, screen blinding, and conveyor trip events
- Caught and corrected three significant cyclone overflow drift events early in shift, preventing approximately 8 hours of cumulative production loss
- Maintained 100% sample collection compliance across two annual external audits, with no missed routine or one-off submissions
- Mentored two new starters through their first three months on shift, supporting their progression to independent control-room competency

Process Operator – Concentrator

May 2018 – October 2021

Multi-Site Copper-Gold Producer, WA

- Operated SAG and ball mill grinding circuit, cyclone classification, and rougher/scavenger/cleaner flotation banks at a copper-gold concentrator
- Managed reagent dosing to maintain target grade and recovery, working closely with metallurgist on shift trend analysis
- Completed Cert III in Process Plant Operations through on-site RTO program while in role, supported by site training coordinator
- Recognised by shift superintendent for catching incipient ball mill liner damage during routine inspection, preventing extended unplanned downtime

Trainee Process Operator

August 2017 – April 2018

Tier-2 Mineral Processing Operator, WA

- Completed structured induction and on-the-job training across crushing, screening and stockpile management circuits
- Progressed from trainee to fully autonomous shift operator within eight months, ahead of typical 12-month progression path
- Built foundational discipline in pre-start plant walks, isolation verification, and shift handover protocol

REFERENCES

Available on request