

Henry Alvaro

Senior QA/QC Engineer – Civil & Rail Infrastructure

Email: henry.alvaro2984@gmail.com | Mobile: +65 8482 3217 (WhatsApp Enabled)

Location: Singapore | Subclass 190 Visa Holder – Full Work Rights in Australia

Cover Letter

Dear Hiring Manager,

I am writing to express my interest in any suitable Civil or Project Engineering roles available within your team. With over 14+ years of experience working across large-scale civil infrastructure projects, I bring strong expertise in quality assurance, project delivery, utility coordination, and stakeholder management.

My background includes leadership roles in MRT station construction, viaduct and tunnel projects in Singapore, often liaising with clients such as LTA and managing internal QA/QC systems aligned with ISO 9001. I have acted as both contractor-side QA Manager and consultant-side RTO, bringing versatility and a well-rounded understanding of site operations and compliance requirements.

Currently based in Singapore, I hold a Subclass 190 visa with full Australian work rights and am actively looking to contribute to major transport or rail projects across NSW. I am open to both metropolitan and regional placements, including DIDO rosters or relocation near active project sites.

Please find my resume included below. I would welcome the opportunity to further discuss how my experience can add value to your current or future projects.

Sincerely,

Henry Alvaro

Resume

Professional Summary

Senior QA/QC and Project Engineer with over 14+ years of infrastructure experience across MRT stations, tunnels, viaducts, and roadworks. Skilled in quality system implementation, NCR resolution, utility relocation, and site supervision. Strong knowledge of LTA and ISO standards. Holds full Australian work rights under Subclass 190 visa and open to DIDO/regional relocation.

Core Competencies

- ISO 9001 Quality Systems | Audit Preparation | ITP Documentation
- QA/QC Site Supervision | Civil, Structural, Drainage Works
- Utility Diversion & Coordination | Stakeholder Liaison
- NCR Management | Risk Mitigation | Compliance Tracking
- RTO/Consultancy Roles | Contractor Interface | Handover Readiness

Professional Experience

- Resident Technical Officer (C&S)

Hamoru Engineering (Seconded to Bureau Veritas), Singapore | May 2022 – Present

Supervised viaduct precast, bored piling, and substructure works on J107 Jurong Region Line. Liaised with RE/QPS for inspections, permits, and QA documentation. Supported NCR resolution and ensured compliance with LTA QA standards.

- Deputy Utilities Manager

GS Engineering & Construction, Singapore | Feb 2020 – May 2022

Managed utility diversions and coordination for the N101 North-South Corridor Tunnel. Coordinated with PUB, PowerGas, and telecoms. Verified utility plans, led trial trenching, and secured permit approvals.

- QA & QC Manager

GS Engineering & Construction, Singapore | Feb 2018 – Jan 2020

Led QA/QC systems for Woodlands Station (T203) including welding inspection, audit prep, and documentation management. Liaised with consultants and closed out NCRs pre-handover.

- Resident Technical Officer (C&S)

LYL Consultants, Singapore | Mar 2016 – Feb 2018

Supervised deep excavation, micropiling, D-walls, and utility diversions on the T307 Marine Parade Station project. Assisted RE with quality reviews and NCR follow-up.

- QA & QC Engineer

GS Engineering & Construction, Singapore | Feb 2014 – Mar 2016

Handled QA/QC for tunnel works in TEL T203. Conducted inspections, reviewed ITPs, monitored rebar, and concrete activities.

- QC Engineer

Samsung C&T Corporation, Singapore | Jun 2013 – Jan 2014

Monitored concrete and asphalt testing on DTL3 Upper Changi Station. Witnessed trial mixes, formwork, and strutting inspections.

- QA & QC Supervisor

Samsung C&T Corporation, Singapore | Nov 2010 – Jun 2013

Led QA inspections on Marina Coastal Expressway box tunnel (MCE C483). Managed waterproofing, precast segments, and rebar inspections.

Education & Certifications

- BSc Civil Engineering – Holy Angel University, Philippines (2006)
- Future Leaders Programme – NUS Business School (2021)
- ISO 9001 Internal Auditor | BCSS | Registered RTO (C&S) – Singapore