

Henry Alvaro

Senior QA/QC Engineer - Civil & Rail Infrastructure

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

Date: 2 May 2025

Dear Hiring Manager,

I am writing to express my interest in the Site Inspector Rural Road Projects (FIFO 3:1 Roster) role. With over 12 years of experience in site-based inspection and quality assurance for major civil infrastructure projects, I bring strong expertise in ensuring compliance, safety, and quality in challenging construction environments across road, rail, and tunnelling scopes.

In my current role as a Resident Technical Officer (C&S), I function as the lead site inspector on the Jurong Region Line J107 Project in Singapore. Seconded to Bureau Veritas, I oversee compliance inspections for bored piling, substructure concrete, viaduct precast works, and drainage scopes.

I liaise with the RE, QPS, and contractor teams to ensure each stage of work meets the design and regulatory standards. I also issue inspection requests, close out non-conformances, and uphold documentation in accordance with ISO 9001 and client specifications.

My previous roles have included supervising rural road elements, utility diversions, and structural inspections in tunnel and MRT station environments. I've led on-site audits, QA documentation, and coordinated with multiple stakeholders to ensure projects remain safe and compliant.

I am confident my background in detailed site inspections, documentation, and QA processes directly aligns with the responsibilities of your FIFO Site Inspector role.

I hold full Australian work rights under the Subclass 190 visa and am fully open to FIFO rosters, regional

assignments, and long-term relocation. I am available to mobilize with short notice.

Please find my resume attached for your review. I would welcome the opportunity to contribute to your teams continued success across Western Australias road infrastructure.

Sincerely,

Henry Alvaro

Resume

Professional Summary

Senior QA/QC and Project Engineer with over 12 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