

Category 5: Young Stabiliser of the Year

Shein Tun

Stabilised Pavements of Australia



2024 AustStab Awards of Excellence

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Qualifications

- Shein Tun is a qualified civil engineer who completed his Bachelor of Engineering from Griffith University.
- Shein received an academic excellence award in 2013 and graduated with honours in 2016



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- Shein is also a true-blue Aussie, who was acknowledged with his citizenship on 25th January 2023 in Queensland

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Experience

- Prior to commencing his career with Stabilised Pavements, Shein worked as a soil technician with Douglas Partners before moving into a Site Engineer role with Geovert where he was exposed to projects such as the Toowoomba Second Range Crossing and acquired project and contract management skills.



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Experience

- Shein moved to Airport Consultancy Group where he spent 8 months working at Faleolo International Airport, Faleolo in Samoa, where he was a design engineer for pavements and began realising his passion through ongoing review of geotechnical and survey data to be used in pavement and civil design. He became proficient in pavement design utilising software programs such as FAARFIELD and APSDS.



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Experience

- Shein next worked at Archerfield Airport in Brisbane where again he reviewed geotechnical testing data, and developed multiple pavement design options utilising different materials, including foamed bitumen and lime stabilised materials. Shein's interest in recycling grew as he studied and reviewed industry standards, state main roads specifications and literature to incorporate sustainability in pavement design.



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Experience

- Another airport project in Bauerfield International Airport, Port Vila Vanuatu saw Shein not only continue to grow and strengthen his design skills, but develop his practical skill set, as site engineer functions emerged in his role for aerodrome upgrades of the runway, taxiway and apron. Shein developed interpersonal skills through constant liaison between the Airport Operator and contractor to ensure construction activities did not affect airport operations. Exposure to contractual skills including assessment of progress claims and variations and reviewing and resolving contractor's RFIs also made their way into Shein's tool kit.



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SPA & SP Design

- Shein commenced his career with SPA in July 2021 as a Pavement Engineer, working in SPA's pavement engineering consultancy, SP Design.
- Over the past 3 years, Shein has been responsible for the coordination of multiple geotechnical investigation works, evaluation of laboratory test reports and preparation of pavement design reports for internal and external customers on over 400 projects across all states of Australia (excluding the Northern Territory).



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- Part of Shein's success as a Pavement Engineer has been his willingness to spend time out in the field, learning the ups and downs of pavements, and in particular, stabilised materials.

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Strengths

- Shein's ability to uncover unique solutions for asset owners is an attribute to his engineering capabilities and passion for pavement recycling.
- Shein has played a real part in the growth and expansion of the pavement stabilisation industry in Australia, as many of his designs have been integrated into reality.



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