

## TEG Risk Achieves TUV Certification For Functional Safety

TEG RISK NEW ZEALAND

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Hamish Baker and Murray Larsen have recently returned from the United Kingdom where they successfully completed the TÜV SÜD Functional Safety Training Course and Exam.

They have since had their application to be certified as Functional Safety Professionals (FSP) approved. Certification covers the following fields:

- Hardware and software design and development
- Functional safety management
- Safety instrumented systems
- Machinery safety

Pre-requisites for this certification include passing the examination with a grade of 75% or higher and a University level engineering degree (or equivalent) supported by 3 to 5 years of relevant functional safety experience.

This international qualification further enhances TEG Risk's world class levels of competency in the area of machine and functional safety. Consultancy is a key element of TEG Risk services to support our customers to meet functional safety requirements.

As the automation industry is becoming increasingly complex, manufacturers and operators of automation systems need to ensure that their operations run at maximum efficiency whilst ensuring full safety at the same time.

To design safe hardware and software means that product manufacturers should implement specific techniques such as redundancy, diversity, internal self tests to increase the product robustness against random and systematic failures.

**Contact TEG Risk to find out how we can assist with your next project.**

**TÜV SÜD** draws on more than 30 years of experience as an independent testing and certification body, accredited for all relevant technical standards including IEC 61508, IEC 62061, EN ISO 13849-1, 2006/42/EG, ISO 26262



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