

Technology Qualification

Mitigating risk in innovation



Increasing innovation and complexity often leads to the development of new technologies that involve novel designs, concepts or applications not covered by existing rules, normative standards and industry practices.

Lloyd's Register's Technology Qualification Guidance Note provides a robust methodology and systematic process that provides evidence that your technology will function within specific limits and with an acceptable level of confidence, prior to deployment.

Our Technology Qualification services

We verify that novel technologies will function within specific limits and with an acceptable level of confidence.

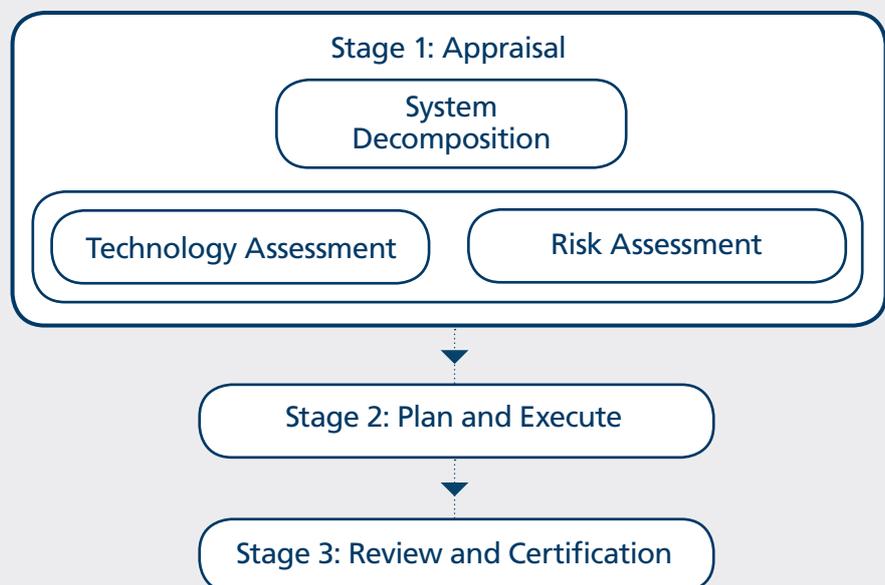
The Technology Qualification is a goal based approach to risk that can be applied to any technology, ranging from the unconventional LNG offloading arrangements to the integration of marinised gas turbines into topside process plants, as well as aerial vehicles and various renewable technologies.

Other approval services we provide

Type Approval: Verification that components or assemblies meet recognised codes, standards and rules.

Approval in Principle: Verification that projects meets general requirements of designated rules, codes and standards.

Overview of our Technology Qualification process



About Us:

Over 250 years of experience

Lloyd's Register is a global engineering, technical and business services organisation wholly owned by the Lloyd's Register Foundation, a UK charity dedicated to research and education in science and engineering. Founded in 1760 as a marine classification society, we now operate across many industry sectors, with over 9,000 employees in 78 countries.

We have a long standing reputation for integrity, impartiality and technical excellence. Our compliance, risk and technical services give clients confidence that their assets and business are safe, sustainable and dependable. Through our global technology centres and research network, Lloyd's Register is at the forefront of understanding the application of new science and technology to future-proof our clients' business.

Experts in our field

From the very beginning of the oil and gas industry we have worked closely with our clients to improve the safety, reliability and performance of their assets, people, systems and processes.

We provide independent expertise in area of compliance, verification, technical consulting and business solutions to cover the full lifecycle of every type of oil and gas related asset including semi-submersibles, drilling units, floating assets (FPSO, FSO, FLNGs) to onshore and offshore pipelines.

Whatever your requirements, we can help every step of the way, from concept design right through to operation, service and life extension.

Lloyds Register Group

9,000+
Employees worldwide

60,000
Clients

78
Countries



Related documents

Technology Qualification Guidance Notes can be downloaded from www.lr.org/guidance-notes

Get in touch

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