



Spadeadam Test Site and Services

A range of blast and ballistics testing services
for the global Security industry





Effective counter-measures

Located in a remote region of the UK, the Germanischer Lloyd (GL) Spadeadam Test Site offers the capability and flexibility to carry out a wide range of testing services to the global Security industry.

Whether you are looking to:

- develop protection to meet a specific threat
- prove that your products, systems or materials actually do perform to specification
- demonstrate compliance with international standards

GL can design and conduct tests to meet your specific requirements in a secure, confidential and “real world” environment.

Our services include:

- **Weapons Characterisation** – blast and fragmentation tests
- **High Explosive Testing** – the ability to test up to 500 Kg TNT equivalence
- **Blast Tests** – protective glazing units, structures and safe havens
- **Instrumentation** – measurements of pressure; acceleration; displacement; thermal radiation; strain; high speed video

The GL Spadeadam Test Site specialises in large-scale testing, to provide accurate test measurements in real-world scenarios.



Main benefits to clients

- Through full-scale tests we enable our clients to explore full performance parameters
- Our location within a UK Ministry of Defence site offers exceptional physical security
- We employ our own resident team of scientists and engineers, treating all client projects with the utmost confidentiality
- We have been running tests at Spadeadam for over 30 years. By applying our extensive experience, we ensure that the tests and associated results fully address our clients’ business needs

How GL delivers the benefits

Key to the success of our services is:

- our ability to accurately measure and collect data – building on our many years' testing experience, we adapt and apply our proven data acquisition systems to clients' specific requirements to provide an unmatched source of test data

Equally important are our:

- operational understanding – working with our clients to achieve effective solutions
- design and build skills – enabling us to construct test rigs to clients' requirements
- applied expertise – full-time experienced engineers are supported by consultants from the wider GL organisation

Working closely with our clients, we design tailored tests to explore the ever-changing security threat.



How we have helped our clients

It is not possible with the confidential nature of our work to mention specific clients or projects, however we have helped our clients with:

- the development of Force protection systems
- proving blast resistant structures
- the measurement and characterisation of IEDs

Whatever security problem you are looking to solve, we offer a proven service to meet your needs.

To find out more about the GL Spadeadam Test Site and how we can help you meet the security challenges of an ever-changing world, contact us now by email at spadeadam@gl-group.com or phone us on +44 1697 747404. You can also visit our website at www.gl-group.com/spadeadam.

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