

easl

stress-free
**structural
integrity**

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Capability summary

EASL is an advanced engineering consultancy specialising in providing cost-effective solutions to structural integrity problems. Experts in design, analysis and assessment, our methodology and innovative approach take the stress out of structural integrity.

Solutions

We know that every client's problems are as individual as they are. EASL focus on solutions, where we take ownership of clients' problems and provide the most appropriate response to meet their needs. EASL take ownership of a problem by assessing the best method to deliver our quality services.

Our specialist knowledge ranges across industries including civil nuclear, power generation, defence, chemical, oil and gas, providing in each our clear structural integrity engineering. For every problem there is a solution, and EASL work with clients to establish their goals and needs. With a solution established, we can apply our team of engineers and scientists to deliver a quality, efficient and cost-effective service. Not happy until a problem is solved, our solutions below summarise our fields of expertise.

- Design Substantiation
- Life Extension
- Degradation Review
- Hazards
- Regulatory Compliance
- Expert Review

EASL has over 250 collective man years' experience in structural integrity; with our specialist team ranging from graduate engineers to industry leaders successfully partnering with clients in a wide array of engineering industries to provide our trusted expertise.

EASL has provided support to the UK civil nuclear industry for over 30 years providing assistance to operation, outage and maintenance activities on plant, to improve plant availability and to support plant life extension.

If you would like to find out more about EASL or read about specific case studies, please visit www.easl-stress.co.uk.



Services

Whether it's review, analysis, assessment or more, EASL's team of structural integrity specialists provide a rich array of services to our clients.

Our quoted range of services is by no means exhaustive, as every client's problems are as unique as they are. By establishing how to achieve the ideal solution, we can apply these services and more to effectively deliver the best possible response. From onsite inspection, to design and independent analysis, our services below can give you an insight into EASL's work.

- Computational Fluid Dynamics
- Corrosion
- Creep Fatigue Crack Growth
- Creep Fatigue Initiation Assessment
- Creep Rupture
- Design
- Design Code Assessment
- Fatigue
- Fatigue Assessment
- Finite Element Analysis
- Fracture Mechanics
- Hanger Surveys
- Inspection & Outage Support
- Peer Review
- Pipe Stress Analysis
- Radiation
- Safety Case Production
- Seismic Analysis
- Seismic Assessment
- Seismic Design
- Seismic Walkdown
- Stress Analysis
- Structural Analysis
- Structural Assessment

If you would like to discuss how EASL can help your business please get in touch.