



ADVANCED ACOUSTIC SOLUTIONS



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ADVANCED ACOUSTIC SOLUTIONS

Cullum Acoustic Solutions – Protecting your most important asset – your People

Cullum is acknowledged as World Leader in the provision of Acoustic Solutions to the Gas Turbine Industry and continually strives to deliver high performance systems whilst ensuring minimum impact on the environment.

Our Acoustic Solutions reflect our company; they are best by design, manufactured to exacting standards and meet the performance criteria for the environment in which they operate.

We have been instrumental in the development of acoustic technology by working in partnership with the world's leading manufacturers of Gas Turbine Equipment. We pride ourselves in delivering robust solutions for both Land Based or Offshore Applications with our equipment providing continued performance after decades of operation.

Protecting the local community, the environment and your workforce is the key consideration in every Cullum design. Customers know Cullum can be trusted to deliver solutions that ensure their Gas Turbine will remain operational and be fully compliant with regulations surrounding environmental emissions.

Examples of Cullum expertise can be found worldwide in some of the harshest climatic locations.

Our Design & Development heritage allows us to provide a complete engineering service throughout the project lifecycle. From initial specification to design, manufacture and installation, by choosing Cullum the process is seamless and guarantees your peace of mind.

With an extensive portfolio of solutions, from standard products to full acoustic package integration, Cullum have the expertise and proven track record to deliver.

Assuring you of Quality at all times our activities are managed in accordance with ISO 9001:2008, Cullum maintain Rolls-Royce SABRe registration and have approvals from major Gas Turbines OEM's including Siemens, Solar Turbines and GE.

Our Acoustic Product Range and Services include:

- Gas Turbine Air Intake Systems – including Plenums, Filter Houses, Silencers, Ducting, Expansion Joints and Acoustic Cladding for both High Velocity and Low Velocity Systems, Land Based or Offshore.
- Gas Turbine Combustion Exhaust Systems – including Exhaust Stacks, Silencers, Expansion Joints, Ducting and Acoustic & Thermal Cladding Systems and Full Diverter and Waste Heat Recovery Unit (WHRU) integration.
- Gas Turbine and Driven Equipment (Generators, Compressors and Pumps) Acoustic Enclosures (On-skid or Off-skid) - Including Mechanical Handling Equipment and Electrical Equipment – with optional SOLAS A0 or H0 Fire Rating.
- Gas Turbine and Driven Equipment Ventilation Systems – including Silencers, Fans, Retention Dampers, Ducting and their Acoustic Treatment.
- Supporting Structural Steelwork and Access Equipment – including full module steelwork design and build.

- Acoustic Buildings – Full Acoustic Buildings, with their associated Ventilation Systems (natural or forced), Fire Detection and Suppression Systems, Mechanical Handling, Machinery Access and Personnel Acoustic Doors and all Electrical and Mechanical Systems.
- Mechanical and Electrical Fit out and Installation Services – Offering full Site Installation or Supervision of Installation.

Wherever the location, whatever the environment, Cullum are only a phone call away. Our global offices and network of supply partners ensure your assets are maintained and operate to maximum efficiency.

Cullum not only excel with new build equipment, we can also provide upgrade solutions and life extension proposals for existing equipment both on and offshore.

This includes:

- Detailed condition examinations
- Thermal Imaging
- Provision of detailed reports
- Repair and Refurbishment Proposals.

Optimise your equipment today and discuss your applications with Cullum.