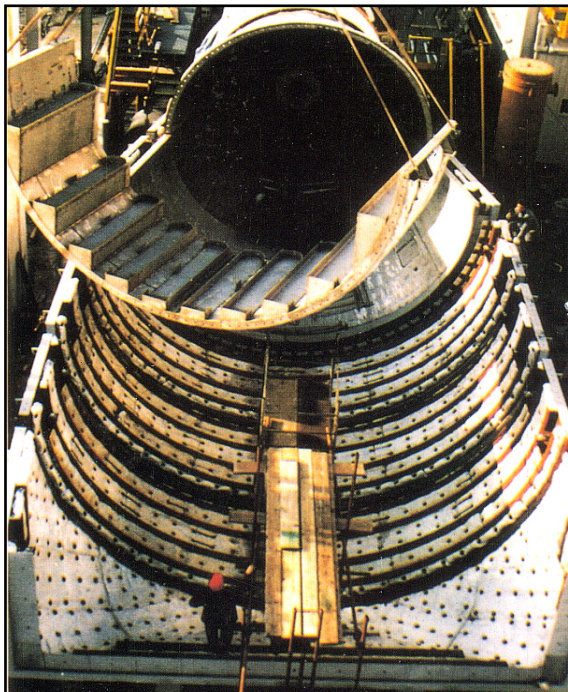


GAS TURBINE Power Generation & Gas Compression Silencing

MC Resources Ltd is the sole manufacturer of the GTB® (Gas Turbine Basalt) product range. Supported by an unparalleled applications knowledge base, and with the benefit of more than twenty five years of relevant experience, these products provide the benchmark choice in the provision of acoustic treatment for industrial gas turbine power plants and gas compressor stations.



The gas turbine exhaust environment places a unique combination of stresses upon fibrous materials used in silencers and ducts. The highly dynamic gas flow produces thermal imbalance, turbulence and pronounced vibrations at discrete frequencies. Locational stability under such conditions can only be maintained by using high-diameter fibres at relatively high density. **GTB® Gas Turbine Basalt** is specifically manufactured to achieve this requirement.



MC Resources Ltd offers the gas turbine industry:

- Tailored modular (pillow-based) infill systems for exhaust ducts and silencers, all machine types.
- HRSG and stack lining systems for use with or without steel sheeting.
- GTB® - High diameter basalt mineral fibre materials, resistant to oxidation and specially developed for GT applications. Gives design freedom by maintaining flow resistivity at higher packing densities, thereby ensuring locational stability.
- Project-specific refurbishment packages enabling minimum downtime.

The GTB® product range has consistently achieved milestones in gas turbine industrial applications, both in respect of new-build projects and refurbishment / rehabilitation of existing plant. Whether the requirement is for fully tailored modular infill systems (pillows), for combination systems (pillows plus roll-based centre-fill) or for bulk materials supplied in roll form, these products are approved by all major turbine manufacturers such as **General Electric, Siemens, Rolls-Royce, Pratt & Whitney** and by leading silencer designers / fabricators.