



Munters clears the mist

Kvaerner Energy

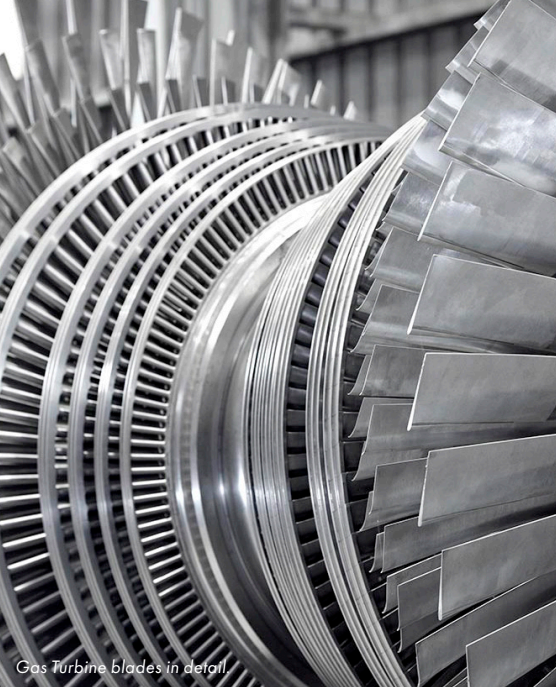
Kvaerner Energy Limited, formerly John Brown Engineering Limited, is a world leader in the design and construction of turnkey gas turbine power stations. Part of the Aker Solutions Group, Kvaerner Energy has brought a considerable proportion of its design activities in-house to improve its products and services and help maintain its position in this highly competitive field.

Kvaerner Energy has conducted studies with suppliers to find the most efficient ways to use suppliers' products.

Erosion, corrosion, and cooling passage plugging effects

Gas turbines use large volumes of air and are highly vulnerable to air contaminants. If unfiltered air enters a gas turbine it can cause erosion, corrosion and cooling passage plugging effects, which can be very expensive to repair.

Fitting filters to each turbine's air intake protects them from airborne solid contaminants but doesn't solve the free moisture problem, which will lead to the premature change of filter elements.



Gas Turbine blades in detail.



Gas Turbine rotor under inspection.

Munters Mist Elimination Systems

After an extensive study, Eurofilter (Air Filters) Ltd recommended Munters Euroform GmbH, which has more than 30 years' of high-performance mist elimination experience.

Munters Euroform GmbH successfully installed high-efficiency mist eliminators in several gas turbine power stations that were experiencing mist and fog problems. Kvaerner Energy now always fits Munters equipment to the static air intake filters of its gas turbines, especially when they are in areas prone to mist or fog. The company no longer experiences carryover problems.

Case study

- Munters gas turbine mist elimination solutions

Advantages:

- Protects turbine blades from erosion, corrosion and scaling
- Very low pressure drop compared to louvers
- Protects air filters and prolongs filter lifetime
- Highly efficient drop removal
- Reduces wet filter problems

Would you like to find out if Munters has a solution for your company too? If so, please visit our website, www.munters.com

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