

Non-Standard Applications

Procal supply analyzers to monitor many different applications from small combustion plants to large power stations. Examples include University Boiler Plants, Carbon Black Plants, Thermal Oxidizers and Community Heating Projects.

Car Plant

CO 0 – 250 mg/Nm³

CO₂ 0 – 15 %

H₂O 0 – 15 %

Transformer Oil Cleaning Process

C₁₀H₁₂O 0 – 200 ppm

Solar Power Applications

Kittiwake Procal has supplied emissions analyzers for solar power stations to reliably monitor very low concentrations of Di-Phenyl Oxide which can escape into the head-space of storage tanks or be vented from expansion and overflow vessels of the Heat Transfer Fluid system into the atmosphere.

The analyzers can measure concentrations of Di-Phenyl Oxide in concentrations of 0-20ppm in the presence of nitric oxide and nitrogen dioxide (up to 4000ppm), and in high temperature environments, typically 300°C.