

ROSEMOUNT
Analytical

News of UK and Ireland analytical products and applications.

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Emerson gains TÜV and MCERTS approvals for the Rosemount Analytical Oxymitter 4000

Approval applies to analysers used for regulated continuous emission monitoring applications

Emerson Process Management has gained TÜV and MCERTS approvals for its Rosemount Analytical Oxymitter zirconia analyser. The QAL 1 performance certificate was issued by the TÜV Rhineland Group in Cologne, Germany and the MCERTS certificate for the UK by SIRA.

Performance certification for continuous emission monitoring applications is now a requirement for operators of certain regulated industrial processes. For example, this is embodied in the European Directive EN 14181 – Stationary Source Emissions from Waste Incinerators and Large Combustion Plant. TÜV and MCERTS approvals provide users with the assurance that the analysers are able to meet the performance standards associated with this and other environmental directives. In the UK, MCERTS approved equipment is mandatory for these applications.

Emerson is committed to ensuring that its leading Rosemount Analytical products meet the latest industry standards. These approvals expand the range of products available from Emerson with MCERTS and TÜV certification. This already includes the MLT series of NGA 2000 analysers, which offer multi-component, multi-method analysis.



Emerson Gas Analysis Technology Contributes to CHP Plant Efficiency for RWE npower in South Wales

Rosemount Analytical oxygen sensors also increase safety and reduce maintenance requirements at npower Cogen plant

Rosemount Analytical flue gas analysis products from Emerson Process Management are helping to maintain efficient operations at the major RWE npower Combined Heat and Power (CHP) plant in Barry, South Wales. This npower Cogen plant supplies electricity, steam and treated process water to the adjacent Dow Corning manufacturing facility.

Close monitoring by the Rosemount Analytical Oxymitter of the flue gas oxygen levels is helping to maintain an overall efficiency rate of about 75 percent for the CHP plant. The Oxymitter 4000 appealed to npower Cogen because its sensor mounts directly into the flue gas duct. This eliminates the need for a sampling system and avoids the resulting operation difficulties and maintenance.

Also, the Oxymitter 4000 is available with split architecture. This eliminates the difficult working conditions and significantly decreases the time spent during inspections and recalibrations.

Paul Gardner, Site Engineer responsible for npower Cogen instrumentation, is pleased with the improved accessibility: "It is far more convenient, and safer, not to have to send engineers right up to the head unit, where access is difficult and scaffolding is required to carry out the work. The Oxymitter local operator interface gives us a display of flue gas oxygen level and temperature, and with the sealed push buttons, we can carry out any calibration routines needed on the sensor from ground level."

**Stop
Press!**

We are pleased to announce that our range of pH analysers and sensors has recently completed MCERTS Testing
More details to follow soon...