

em-CERTS 2004

DELEGATE NUMBERS UP 50%



em-CERTS

On the 25th and 26th February the car park at Bretby Conference Centre near Burton-on-Trent was packed to overflowing with the cars of delegates lining up to receive the latest guidance on how air pollution regulations will affect their companies.

The event, organised by Environmental Technology (Publications), the Source Testing Association, and the Environment Agency, was designed to provide industry with help and guidance on how to manage the impacts of regulatory and standardisation activities that have resulted from a range of EU Directives. Organiser Marcus

Pattison expressed his delight with the success of this year's event, commenting "there seems to be a high level of interest in air pollution, and in monitoring in particular, and as a result delegate numbers were up by over 50%, and almost all exhibitors have re-applied for em-CERTS 2005"

Stuart Newstead from the EA informed delegates "over the next year or so, the MCERTS scheme will be extended to cover portable emission monitors (landfill gas analysers for example) and effluent sampling and analysis. In addition a steering group has been established to create an MCERTS performance standard for the chemical testing of soils". He also gave an update with respect to Part 'B' Processes (those regulated by Local Authorities) saying that "DEFRA's Air Quality Division may make a recommendation to (or not to) the Minister for adoption of MCERTS in Part B Processes, but that market forces may force this to happen in any case"

Further information and guidance can be obtained from the following web sites: www.mcerts.uk.com www.environment-agency.gov.uk www.siraservices.com www.s-t-a.org

Stuart Newstead from EA www.environment-agency.gov.uk

Many of the exhibitors ran training workshops, and seminars were given by the Environment Agency (EA), the National Physical Laboratory (NPL), and AEA Technology. These presentations focused on the role of monitoring in the regulation of air quality as a result of EU Directives. Dr Wolfgang Jockel from the German TÜV organisation explained the differences between the MCERTS scheme and its German counterpart, and outlined plans to bring them closer together.



Dr Wolfgang Jockel

All the attendees showed a genuine interest in the equipment on show. We received several high quality enquiries for the products. The new MCerts certification on our range of emissions monitoring products raised our profile. Of special interest was the Model 4500 MkII+ the first optical dust monitors to obtain the MCerts approval. The FGAll continuous emissions monitoring system was the first analyser on show with approval for NO2. It was our first emCerts show, but we will definitely be back next year. The quality of the presentations and workshops was generally high.



Land www.landinst.com

Eco Scientific received a number of high quality sales leads and we successfully opened new routes for our range of Gas Standards Generators - The exhibition was a great shop window for launching our latest products!

Eco Scientific www.eco-scientific.co.uk

"ABB Limited was impressed by the large number and good quality of visitors to the recent emCERTs show last week. The popularity of the workshops provided evidence that the show's focus - on emissions monitoring - was justified, and valued by visitors and exhibitors alike.

ABB Limited www.abb.com

Quantitech of Milton Keynes are regular exhibitors at em-CERTS and their stand included a number of products new to the show including an isokinetic sampling system from TCR-Tecora, with the possibility of simultaneous side-stream sampling. Keith Golding, Quantitech MD, commented: "The system attracted a very high level of interest at the show. It offers the possibility of side-stream sampling for up to 6 gaseous components such as SO2 or HCl, while isokinetic sampling for particulates continues unaffected." Also on show was an integrated FTIR-based CEM system from Temet Oy (Finland). Temet FTIR instruments have recently been awarded em-CERTS accreditation for H2O, CO, NO, SO2, NH3 and HCl, and can simultaneously detect and quantify up to 50 gaseous components.



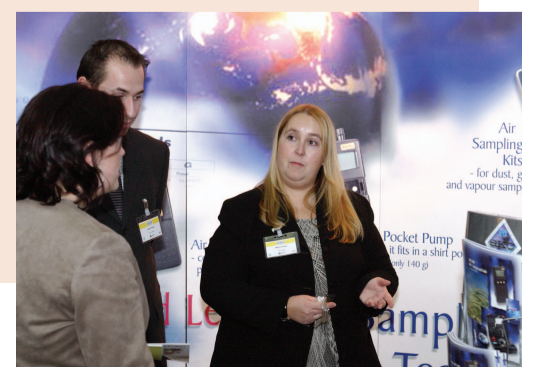
Quantitech www.quantitech.co.uk

This was the first time at em CERTS for air sampling specialists SKC, more well known for supplying workplace monitoring equipment.

SKC offered 2 informative but entertaining workshops, presented by Melanie Brown - SKC Ltd Sales Manager, entitled 'The Environmental Detective'. These highlighted suggestions for monitoring environmental pollution, from particulates to gases to bioaerosols. With Sherlock Holmes seeking out clues, helped by a range of new sampling techniques from the SKC range, the presentation was lively, and the audiences were left with the thought "Toxic Uptake - it's all alimentary!"

On Stand 49 SKC exhibited the new Leland Legacy air sampling pump, designed to work with new bioaerosol sampling techniques such as SKC Versatrap cassettes. The SKC grab sampler, Vac U Tube - an innovative syringe style unit enabling bag filling without a pump- also received much attention and interest.

SKC was the only company exhibiting own manufactured environmental sorbent tubes, portable fenceline monitoring and grab sampling solutions. Stand 49 was always busy during seminar breaks - clearly a great pitstop for the multi-tasking environmentalist.



SKC www.skcinc.com

PCME's display at em-CERTS demonstrated a range of continuous monitoring solutions for compliance to IPPC, OMA and ATEX directives including systems to monitor mass emissions, (mass/time), concentration (mg/m³) and velocity (m/sec) of stack particulate.

Winner of PCME's prize draw was Malcolm Cattley of Rockware Glass in Knottingley who was delighted to receive his pda from Matthew Evans, Area Sales Manager.

Commenting on the Conference, William Averdieck, Managing Director of PCME, summed up the event as a useful, interesting and enjoyable 2 days providing the opportunity to share and discuss experiences with operators, regulators and colleagues in the industry.

PCME www.pcme.co.uk

Andrew Cluett, Managing Director of exhibitor Goyen Controls added that " em-CERTS 2004 was the best platform to launch an integrated IPPC approach...we received high levels of interest from customers in this and in our unique data purchase concept"

John Clements, Managing Director of Signal Group Ltd, who ran a packed workshop on the linearisation and calibration of gas analysers, was delighted to report that "large numbers of enquiries were received at the event"

Goyen controls launched an integrated approach of water and air emission products on a supporting theme of IPPC Andrew Cluett Managing director said Goyen is now confirming itself as the first choice provider of integrated systems for gas and water monitoring - Goyen's Unique DATA purchase concept has been recognised as the most applicable concept for the future needs of the emissions

market. Operators contract Goyen to supply emission data for a flat monthly fee, The value is that they can concentrate upon running their business without worry of the monitoring reporting needs using the quality and service of Goyen and leaving their capital free to develop their expertise in manufacture. Goyen offers water monitoring, gas and particulate monitoring , service and systems integration to ensure that end users meet and exceed their operating permit monitoring requirements We look forward to the 1995 event and the growth of our data sales following the 2004 event. Well done STA and IET for consolidating emCerts 2004 a significant calendar event



Goyen Controls www.cleanairsystem.com

Enviro Technology is pleased to report that strong interest was shown at em-CERTS 2004 on the recently launched Continuous Emissions Monitoring system for power plant operators Designated Powerman 400, this automatic dilution extractive system is designed for continuous emissions monitoring of gases such as NO_x, SO₂, CO, H₂O, and O₂ all in one package. This economical system is ideally suited to installations where there are long distances between analyser and measuring point. PowerMan is also easily expanded for other gases, is simple to install and has a low maintenance requirement. PowerMan 400 complies with the EC large combustion plant Directive and meets the US EPA requirement, 40 CFR 60/75.

Training

Further enquiries were received for Enviro Technology's Continuous Emissions Monitoring (CEM) courses. The three-day course covers the requirements for MCERTS examinations levels 1 & 2 and Technical Endorsements 1, 3 and 4 and aims to provide a broad view of the subject including continuous flow monitoring and continuous methods for particulates. It also covers other issues of importance to operators of CEMS including quality assurance of automated measuring systems together with information on the forthcoming CEMS standard prEN14181.



Enviro Technology www.et.co.uk

CryoService felt that the exhibition was a success with a good attendance and excellent feedback from the visitors to our stand. The exhibition was attended for the first time by Matt Riddell, CEO of Cryoservice who commented that it was an excellent opportunity for him to catch up with many of our major customers in the currently vibrant emissions monitoring marketplace. He was impressed by the quality and breadth of the workshops and pleased that so many like minded people share CryoService's goal of enhancing the products and services available to the emissions monitoring market and enabling industry to keep pace with legislative developments with minimum pain.

With regards to Cryoservice's products the Dial-a-Flow regulator was especially well received across all market sectors rather than just those that they traditionally targeted. This piece of equipment ideal for engineers as it ensures reliable and repeatable calibrations without the need for a separate flow meter by incorporating 9 preset flows in a composite unit. On ambient monitoring stations it can replace its traditionally used, bulkier twin stage counterpart at a fraction of the price.

CryoService www.cryoservice.co.uk

"Spectra Gases demonstrated its unique mercury calibration gas in conjunction with the Lumex analyser distributed by Spectronic. Interest in both products was high over both days of emCERTS - Andy Stevenson, Spectra Gases General Manager, commented "with advancing European legislation, mercury analysis is an increasingly important issue. Potential users were impressed with the ease of use and flexibility of both the Lumex and Spectra Gases products. The new Mercial oxidised mercury unit - launched in the UK at the show - will further support industry needs".

Spectra Gases www.spectragases.com

"Very good conference and following the talk on linearisation and calibration, which was completely packed out, we received large number of enquiries"

John Clements MD Signal Group Limited

Signal www.signal-group.com

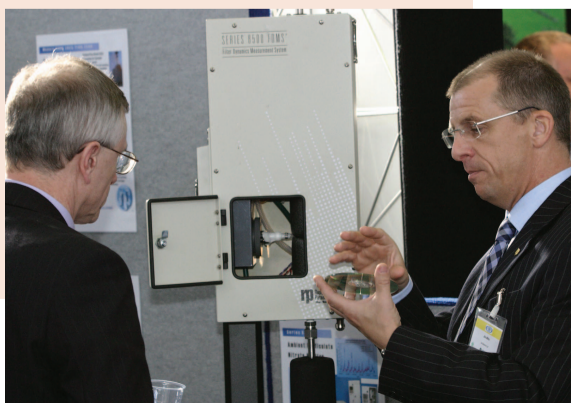


Jim Mills the managing director of Air Monitors, who exhibited at em-CERTS 2004 reported an increase in the volume of visitors and a rise in the interest level from the delegates for many of the products on offer. The response from delegates and exhibition visitors to the new TEOM 7000 stack particulate monitor was particularly encouraging. The new EN 14181 standard designed to improve the quality of source emissions monitoring data seems to be the driver making the TEOM7000 attractive to source owners and stack testing organisations alike.

The system provides data in the same manner as the reference method but automates the process so that operator variability is virtually eliminated. It also provides real time data while the team is on the stack so you do not have to wait for the laboratory results several days after the sampling takes place. This fact alone means many stack testing organisations will not have to repeat failed tests which in turn will significantly cut the costs of implementing EN14181.

Interest was equally good for other products on the Air Monitors Stand such as the new carbon in ash monitor which can help many power plant operators to optimise their combustion efficiency and meet the carbon

requirements for flyash use thus avoiding expensive land fill costs. It can also assist in mass balance calculations of CO₂ emissions by providing an accurate measurement of unburnt fuel in flyash from coal fired facilities.



Air Monitors www.airmonitors.co.uk

Casella ETI reported an excellent level of enquires at the recent Emcerts Exhibition. Particular interest was shown in Casella ETI's new SM3 Mercury Analyser for continuous emission measurements. The SM3 has full TUV approval to 17th BImshcV and is one of the few mercury analysers available that is able to measure both gaseous and particulate bound mercury. In addition the AMESA continuous dioxin sampling system which is again TUV approved and currently under going MCERTS certification generated a lot of interest from incinerator and cement plant operatives. Similarly the new range of NEO Lasergas 2 analysers for HCl, NH₃ and other difficult to measure gases did the same. The Lasergas 2 instruments are especially of interest as the advanced optics and high performance detectors enables the instrument to be used to reliably measure high levels HCl prior to flue gas cleaning. Many plant managers that operate plants that fall under the Waste Incineration Directive are now interested in this type of measurement because of the new IPPC Draft Guidance Note.

Casella ETI www.casellagroup.com

Golden Stack AWARD



Awarded to process operators which have gone the extra mile for STA members working on their sites, exceeding minimum requirements for co-operation, safety, welfare and working environment.

**And this year is awarded to
SITA HUDDERSFIELD**



UKAS Accreditation to the MCERTS Performance Standard for Organisations

Alcontrol EUS
AES Ltd
Casella CRE Emissions
Casella Stanger
CES Environmental Instruments Ltd
Envirocare Technical Consultancy Ltd
ESP Environmental Limited
GlaxoSmithKline
PB Power
Powergen UK PLC
Scientifics Ltd

For more information on exhibitions at the 2005 event, please email us today.

Already over 65% of stands have been reserved!

MCERTS AWARDS

Continuous Emission Monitoring Equipment

CEMS

- TEMET Instruments OY
- ABB Automation Products
- Land Instruments International Ltd
- Environnement SA
- Siemens AG
- Servomex

info@mcerts.uk.com

Special Recognition

For personnel who have achieved Level 2 with all the current technical endorsements

Robert Allen
Benjamin Anstee
Elena Berek
Rohit Chirodian
Mark Craig
Dean Curtis
Michael Davies

John Dykes
Mark Elliott
John Galbraith
Marnie James
Simon Johnston
Mark McCourt
Glen McMorrow

Ben Morley
Derek Myers
Christopher Rhodes
Anthony Stanley
Ken Wood
Andrew Worthy

