



## MCM / Manalytical Newsletter – Issue 4, February 2008

### New MCM Website Goes Live

To coincide with the beginning of our fortieth year in business, MCM's corporate website has recently received a major overhaul.

Features of the new site include:

- More detailed product information.
- Expanded application notes.
- Downloadable pdf files.
- MCM's global presence – see what we've been doing in your part of the world.
- Simplified web enquiry forms for ease of contact.
- Regularly updated news section, with exhibition dates, new product information and practical case studies.

Visit [www.mcm-moisture.com](http://www.mcm-moisture.com) to see the new site. As ever, your feedback will be invaluable in making it even better!



### CCR Platform Recycling

#### New Design Systems for China & Curaçao

The first of Manalytical's new breed of CMMS (Continuous Moisture Measurement System) systems have been delivered to refinery clients in China and Curaçao.

Designed for, but not limited to, catalytic reforming applications, **the CMMS detects on-line moisture changes as low as 0.1 ppm[V] in the presence of significant levels of corrosives, such as chlorides.**



Optimal performance of reforming catalyst depends on maintaining an optimal moisture / chloride ratio in the reforming reactor. When the ratio is out of balance, catalysts suffer from higher deactivation rates and decreased yields. The cost to the refinery is significant, and is measured in terms of yield losses, off specification product, increased catalyst regeneration, early catalyst replacement, processing upsets and / or increased downtime.

For more information on how Manalytical's CMMS can aid process such as these, including details of the unique dual-hygrometer interface with automatic recalibration, visit the dedicated [website product page](#).

### Helium Recovery Systems BOC Commissions High-Spec Analyser

MCM have recently fulfilled a contract to design and supply high-spec hygrometer systems for a new Helium Recovery Plant at BOC Gases' Thame plant in the UK.

Designed to meet the demanding nature of the application and enabling reliable sub 1 ppm[V] measurements over extended periods of operation, the customised sample systems were engineered entirely from high-grade vacuum fittings.



The supply of these systems represents the latest contract in a well-established relationship between MCM and BOC, and means that both of the UK's Helium Recovery Plants now operate with MCM moisture analysis systems.

### Forthcoming Events

These are the exhibitions where you can see us over the coming months:



#### CIPPE 2008

中国石化石化装备网  
The 8<sup>th</sup> China International Petroleum & Petrochemical Technology & Equipment Exhibition

Apr 7-9 Beijing, China

[www.cippe.com.cn](http://www.cippe.com.cn)



#### ISA Edmonton

Apr 9-10 Edmonton, Canada

[www.isaedmontonshow.ca](http://www.isaedmontonshow.ca)



#### HET instrument

May 20-23 Utrecht, Netherlands

[www.hetinstrument.nl](http://www.hetinstrument.nl)

### From Wet to Dry in 600km

#### MCM Resolve \$100,000 WAGP Dispute

With 600km of 20" seamless welded pipe running onshore and offshore across four countries, the **WAGP** (West Africa Gas Pipeline) project is one of the largest developments in Africa's natural gas network. Originating in Nigeria, the pipeline crosses Benin and Togo before terminating at Takoradi in Ghana.

In October 2007, MCM received a call from BJ Process & Pipeline Services. There was a dispute on the pipeline-drying project – results from MCM's portable analysers were considered "too good to be true".

To see how MCM responded, satisfied all parties and saved BJ big money, click [here](#) for the full story.