



Conference

Next presentation at 11.00

Operator Monitoring Assessment

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Operator Monitoring Assessment

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MCERTS: Telford 2011

MA not OMAR!



MA not OMAGH!



MA: What is it?

Our Operator Monitoring Assessment scheme used for auditing operators self monitoring

Gives us confidence that monitoring is satisfactory

It helps to identify monitoring problems

Provides a clear driver for improvement

MA: What it applies to

Implemented for:

EPR “industry”- air and water

Water Utilities – discharges of effluent

Landfills – 2012?

MA: When it is required

There is a valid permit

There are scheduled emissions/discharges

The emissions/discharges have monitoring requirements

Monitoring data is reported to the EA

MA: How it works

We audit operators self monitoring on a 4 year cycle using published guidance – so that:

We have a consistent approach

Operators can prepare

There are clear indications for improvement

OMA: How it works

There are four sections in OMA version 3:

OMA 1- Management, training and competence of personnel

OMA 2 – Fitness for purpose of monitoring methods

OMA 3 – Maintenance and calibration of monitoring equipment

OMA 4 – Quality assurance of monitoring

OMA: How it works

Sections divided into elements e.g. OMA 2
“Fitness for purpose of monitoring methods”

- Sampling facilities
- Measurement techniques
- Use of relevant methods
- Certification of equipment
- Performance characteristics of the method

MA: How it works

Each element e.g. OMA 2A – “Sampling facilities” is given a score of 1 to 5 using the OMA guidance.

A score of one is unacceptable

A score of three is acceptable

A score of five is excellent

OMA : How it works

The basic structure of OMA version 3 is still the same as version 2

However, it is often inappropriate to:

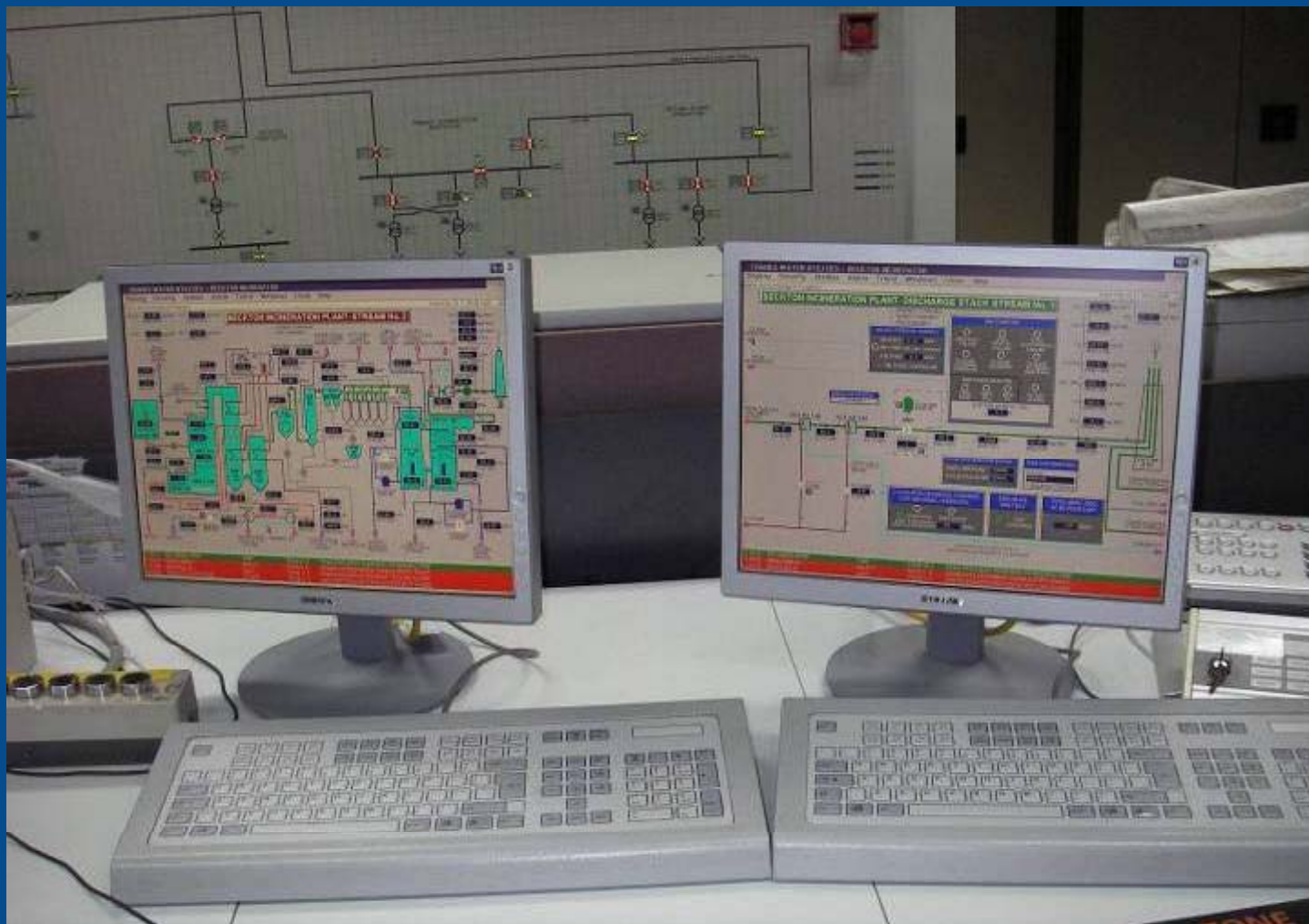
- Compare overall scores for different versions

- Compare element scores

- Compare different industries

The text is still as important as the scores!

MA: Looking at the control room



MA: What we could ask

What does this display show?

How does the process work?

What does your job involve?

What does this emissions display mean?

What are the typical emissions?

What are the limits?

What happens if the emissions get too high?

Can you show me last week's/month's emissions on a graph?

Where is all of this written down?

How would I know what to do in this job?

MA: Site inspection



MA: What we could ask

What does this instrument do?

How does it work?

What does your job involve?

Who does the maintenance/calibration?

When is maintenance/calibration done?

What H&S precautions are taken?

What happens if the discharge is poor?

How do you know what to do in this job?

What happens if you are away?

Where does this pipe go?

MA: Site inspection



MA: What we could ask

What happened?

How long has it been like this?

What are the plans to resolve the situation?

Who is responsible?

When were the EA informed?

Has the permit been breached?

MA: What happens at the audit

The OMA auditor will record notes against each element and write a summary

These notes and the discussions are a key part of OMA. It is not just about ticking boxes.

The Operator is given a copy of the report

MA: What to do to prepare

Undertake/update any risk assessments

Review your permit/s

OMA guidance NB: read in advance (mcerts.net)

Complete your own OMA audit

Review previous OMA reports

Make sure training records are complete

Make sure monitoring reports are available

Get the right people there

GET DOCUMENTS TOGETHER!!!!

MA: Potential modifications

Public register

Include as part of other site audits

Tie into regulatory classification scheme

Emphasis on permit breaches

MA: Version 4?

Look at scoring mechanism

Possible merging of some elements e.g.

2b: measurement techniques and 2c: use of relevant methods

4c: auditing of monitoring and 4d: audit compliance

More emphasis on MCERTS

Feedback from water OMA audits

OMA: Aiming for increased consistency

Increase training of OMA auditors

Increase mentoring

More specialists?

OMA Monitoring Network

MA and MCERTS

MCERTS and OMA are integral to each other

MCERTS recognised throughout OMA

A top score in OMA can only be given if MCERTS products/services are used

More information

www.mcerts.net

www.sira.co.uk/mcerts

