

l'Anson Bros Ltd Environmental Management System

EMS OP13: Environmental Air Emissions Monitoring

Version No:	1	Issued By:	Operations Manager
Issued Date:	20 February 2022		

INTRODUCTION

This procedure describes the method by which l'Anson Bros Ltd will ensure that environmental air emissions monitoring is carried out effectively.

The procedure will also ensure that l'Anson Bros Ltd achieves the required score from the Environment Agency Service Operator Monitoring Assessment (OMA) auditing that Emissions Monitoring is carried out in compliance with Environment Agency standards.

REFERENCES

- The Environment Agency Service use the following guidance:-
Environment Agency Technical Guidance – [Sampling Requirements for Stack Emissions Monitoring M1](#)
Environment Agency Technical Guidance – [Monitoring of Stack Emissions to Air M2](#)
Environment Agency – [OMA Guidance for Audits](#).
EMS SP07 Monitoring and Measurement
EMS SP08 Non-Conformance and Incident Reporting.
Site PPC Permit or LAPC
Air Emissions Monitoring Schedule

RESPONSIBILITIES

The Operations Manager is responsible for the selection and approval of the Companies contracted to carry out emissions monitoring basis and for ensuring that they carry out the monitoring to the relevant standard. He is also responsible for agreeing the Air Emissions Monitoring Schedule with the relevant company and for communicating this to the Production Manager.

The Production Manager is responsible for ensuring that the site's emissions monitoring is carried out. He is also responsible for reviewing the results and ensuring compliance with the relevant regulations. Where results are found to be outside of the required limits he is responsible for notifying the appropriate personnel and the relevant authorities as per Company Procedures.

Any contractors used for emissions monitoring must be certified to MCERTS.

PROCEDURE *

The Monitoring Schedule

The Monitoring schedule is derived from the site's PPC permit and those areas defined by the company as required for monitoring as Environmental Key Performance Indicators (KPIs).

Air Emissions Testing on site *

Prior to Testing

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Under MCERTS, the contractor is obliged to furnish the Production Manager with a Site-Specific Protocol (SSP) before the testing takes place. This will require the Contractor to visit the site for an assessment prior to any monitoring being carried out. As part of this visit, the contractor should check to ensure that the sampling positions to be used are acceptable as per Table 2.2. in the Monitoring Guidance (M1).

The crucial requirements are for Safe Access to the monitoring points for people and their equipment and also access to the sample in that it can be taken correctly.

The contractor should also be able to provide the Production Manager with the procedures that they use to carry out the monitoring to the agreed standard (BS13284-1). The procedures should also detail the Health & Safety measures to be taken. This type of information is detailed in the M1 and M2 documents.

Sampling

On arrival at site a designated member of staff should do a sample check of the Contractor's equipment calibrations and confirm equipment has been 'PAT' tested if applicable. These checks should be recorded.

A designated member of staff should also ask for a copy of the procedures (if these have not been obtained beforehand) and do a spot check on one or two areas to ensure that the procedures are being followed. This should also be recorded.

Correspondingly, under MCERTS, the contractor is entitled to ask for records of inspections of all access equipment e.g. gantries.

Reporting

The Compliance Report should detail the following:

Any issues with the access to monitoring points as this may affect the uncertainty of the results.

The results of the Swirl test.

The results of the Blank test.

If these results are not in the report we should be able to obtain them from the contractor.

REVIEW

Results from all emission monitoring should be reviewed as part of the Mill Environmental meeting and this should be documented. If results are greater than 10 mg/m³ or outside of expectations in any other respect then the methods used and the degree of uncertainty should be checked. If these are acceptable then there should be an investigation to identify and eliminate the cause.

The results should also be monitored against previous tests to enable trends to be captured.

As part of the EMS Review there will be a monitoring review to ensure that, where the PPC permit requires monitoring to be carried out to a specified standard, the standard it is still applicable and has not been superseded.