

FOR COMMITTEE USE ONLY

Ref. 146 SCA WG5
Enquiries: R Sadiki
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DRAFT AGENDA for the meeting of SABS TC 146 SCA WG5 *Monitoring & Reporting*, to be held on 02 March 2009 at 10.00 -16H00
Venue: Southern Sun, Pretoria.

WORKGROUP CO-ORDINATOR

E Cairncross

(082) 200 7056

1 OPENING AND WELCOME

2 APOLOGIES

Willie Kok	NECSA
Leon Swanepoel	MINTEK
Egmont Otterman	PPC
Buks Kruger	PIWG
Priya Govender	FFS
Urishanie	PPC
Jan Potgieter	EnviroNgaka
Barry Bowles	ECO2
John Schotcher	PAMSA
Heather Booysen	FAPA
Letladi Phahlamohlaka	DME

ATTENDANCE

Eugene Cairncross	LRC & groundwork
Kristy Ross	ESKOM
Clive Turner	ESKOM
Ricca Mudau	DME
Jongikhaya Witi	DEAT
Olebogeng Matshediso	DEAT
Kgomotso Mmitloe	DEAT
Mathabo Phoshoko	DEAT
Tabby Resane	AngloGold Ashanti
Mark Surmon	PMC

3 APPROVAL OF THE MINUTES OF PREVIOUS MEETING

Minutes accepted with amendments

4 MONITORING AND REPORTING REQUIREMENTS

4.1 AVERAGING PERIODS FOR MONITORING

a) For CEM, hourly average values should be monitored. Daily average values to be reported.

ESKOM propose compliance assessment basis on monthly averages.

WG Proposal: Assessment will be based on monthly averages, provided that no daily ave. value exceeds ELV by more than 10%, and that 97% (95% gas & PM daily values proposed by ArcelorMittal) of the daily values are compliant.

ESKOM proposes that for PM allowance for ELV exceedences should be at 100%, rather than 10% and for gases ESKOM agrees with 10% proposed. For PM 90% of hourly ave. values should be less than the LV and for gases 90% of the daily ave. should be less than LV.

b) Periodic test- SRM defines ave. periods as well as number of samples.

Periodic testing should be conducted at least once a year, and supported by mass balances.

4.2 REFERENCE CONDITIONS

Normalised to 273K, 101.3 kPa, Dry gas. O₂ percentage as prescribed under each standard.

4.3 CONTINUOUS EMISSION MONITORING

EC: Combustion Installations: >50MW Thermal

ESKOM: 450MW Thermal

EC: 30K- 50K m³/hr ArcelorMittal flow rate for other installations

Rationale for imposing CEM requirements for a plant is discussed and agreed to.

4.4 PERIODIC MEASUREMENTS

- a) Where CEM is not possible
- b) Installation size

Rationale for imposing periodic stack emission tests is discussed and agreed to.

4.5 MASS BALANCES

Mass balance may be used to support periodic measurements.

ESKOM: Where appropriate mass balances may be used to demonstrate compliance between periodic emission tests, e.g. SO₂ emissions.

Acceptability (when and for which sources) of the method in compliance assessments

4.6 EMISSION FACTORS

Not acceptable to be used as a tool for assessing compliance, unless if it is established in conjunction with measurements on the installation.

Acceptability (when and for which sources) of the method in compliance assessments

4.7 RANDOM TESTING

The authority may request that a random test(s) be conducted if they believe that the period test is not representative of operation during the reporting period.

Acceptability (when and for which sources) of the method for compliance assessments.

4.9 ANY OTHER METHODS OF EMISSION MEASUREMENT?

None

4.10 LIST OF ACCEPTABLE METHODS

Attach a comprehensive list of methods to the minutes for comments.

4.10.1 CONTINUOUS EMISSION MONITORING

4.10.2 EMISSION TESTS

4.11 QUALITY ASSURANCE/QUALITY CONTROL

The operator of a listed activity is responsible for quality assurance of methods used for sampling and analysis. If the holder uses external laboratories or consultants for sampling or analysis, accredited laboratories and/or service shall be used whenever possible.

4.12 REPORTING REQUIREMENTS

4.12.1 FORMAT OF THE REPORT

DEAT to develop a standardized format of emission report.

4.12.2 FREQUENCY OF REPORTING AND TO WHOM THE REPORTS SHOULD BE SUBMITTED.

Same as in draft s21 notice.

5 AVERAGING PERIODS FOR COMPLIANCE ASSESSMENT

As previously discussed.

6 EMISSIONS DURING UPSET CONDITIONS, START-UP & SHUT-DOWNS

To respond to upset conditions that are likely to significantly exceed the elv's, a management plan that takes cognisance of the emission rate, duration of emissions and operational guidelines (management controls) shall be put in place.

2.1. Provisions For Up-Set Conditions

The standards prescribed by this notice do not apply to or in relation to any plant during scheduled maintenance (start-up, shutdown) period and/or during upset conditions.

Note. While the standards prescribed by this notice do not apply under the said conditions, the operator of the activity concerned will be subjected to the requirements of section 28 (1) of the National Environmental Management Act, 1998 in relation to the duty of care and remediation of environmental damage.

“Upset conditions”- Any sudden and unavoidable failure of air pollution control equipment or process equipment or unintended failure of a process to operate in a normal or usual manner.

7 **FUGITIVE EMISSIONS**

8 **CLOSURE**