

Mr Vusi Mahlangu
 Nkangala District Municipality
 PO BOX 437
 MIDDLEBURG
 1050

Date:
 12 July 2016

Enquiries:
 Livhuwani Tshilata
 0176152317

Dear Mr Mahlangu

RE: SUBMISSION OF CONTINUOUS EMISSION MONITOR AVAILABILITY AND CORRELATION REPORTS IN TERMS OF THE MINIMUM EMISSION STANDARD ANNUAL REPORTING REQUIREMENTS.

In terms of Sections 17 and 18 of the Minimum Emission Standards, it is a requirement that Kriel Power Station report on the availability of its continuous emission monitors (PM, SO₂ and NO_x) (Table 1). Furthermore it is a requirement to submit any recent correlations reports (Appendix A).

This letter is submitted in addition to the Annual Emission Report dated 25 May 2016 submitted to your office on the 31 May 2016, as part of annual reporting requirements. The data availability for SO₂ and NO_x was zero from 01 April 2015 – 31 May 2015 due to damaged gas monitor analyzers. Damage was caused by insufficient compressor air supply. Additionally, in terms of Atmospheric Emission License reporting, Kriel Power Station was required to start reporting on gaseous emissions from 1 June 2015.

Table 1. Availability of Kriel Power Station's continuous emission monitors in FY 2015/16

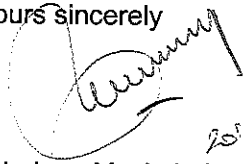
	Monitor's availability					
	North stack			South stack		
	PM	SOx	NOx	PM	SOx	NOx
April -15	100%	-	-	100%	-	-
May -15	100%	-	-	100%	-	-
Jun-15	99%	85%	85%	100%	100%	79%
Jul-15	100%	83%	83%	100%	75%	77%
Aug-15	100%	82%	82%	100%	90%	91%
Sep-15	100%	88%	88%	100%	78%	80%
Oct-15	100%	80%	82%	100%	88%	89%
Nov-15	100%	88%	88%	100%	90%	91%
Dec-15	100%	82%	82%	83%	72%	73%
Jan-16	99%	81%	82%	100%	83%	84%
Feb-16	100%	82%	83%	100%	48%	47%
Mar-16	100%	84%	84%	100%	55%	73%
Average	99.83%	84%	84%	98.5%	78%	78%

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 Kriel Power Station
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Average continuous emission monitor availability was above 80% for all parameters measured, except for SOx and NOx on the South Stack. This is because gaseous monitor filters were frequently blocking due to condensation and electro-cells inside the analyzers that were damaged. This problem has been solved by installing dedicated compressed air dryers in each stack to ensure the monitors' filters are kept under dry conditions at all times.

For any related query relating to this matter please do not hesitate to contact Khuliso Rasimphi or Mpho Nnzimeni on 017 6152634/2025.

Yours sincerely



2016-07-14

 Jabulane Mavimbela
GENERAL MANAGER: KRIEL POWER STATION