



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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Ref: MP/ES-D/20140227

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Attention: Dave Lucas  
Eskom Sustainability Division  
P.O. Box 1091  
Johannesburg  
2001

Dear Applicant,

### **RE: APPLICATION FOR POSTPONEMENT OF COMPLIANCE TIME-FRAMES WITH AQA S21 MINIMUM EMISSION STANDARDS – DUVHA POWER STATION**

The above-mentioned application has reference.

Your application has been processed and the National Air Quality Officer has made the decision (with the concurrence of the Atmospheric Emission Licensing Authority), as follows:

S21 Category	Appliance	Postponement Sought	Emission Standards			
			Minimum Emission Standards (mg/Nm <sup>3</sup> )			Decision
			Pollutant	2015	2020	
Subcategory 1.1: Solid Fuel Burning Appliances	6 Units	200mg/Nm <sup>3</sup> 2015-2020 (units 4-6)	PM	100	50	Our finding is that units 4-6 are currently operating below 100mg/Nm <sup>3</sup> if proper maintenance is done. There is, therefore, no need for postponement of compliance with minimum emission standards for existing plant as this is in line with the legislated requirements. The requirement to comply with minimum emission standards for existing plant thus remains in place.
		2600mg/Nm <sup>3</sup> for 2020-2025	SO <sub>2</sub>	3500	500	Our finding is that the facility is operating in compliance with minimum emission standards for existing plant. Therefore, postponement of compliance with the minimum emission standard for new plant is granted from 1 April 2020 to 31 March 2025 with a limit of 2300mg/Nm <sup>3</sup>



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S21 Category	Appliance	Postponement Sought	Emission Standards			
			Minimum Emission Standards (mg/Nm <sup>3</sup> )		Decision	
						during this period due to the expected emissions, which are based on the sulphur content of the fuel.
		1100mg/Nm <sup>3</sup> for 2020-2025	NOx	1100	750	Postponement of compliance with the minimum emission standards for new plant is granted from 01 April 2020 to 31 March 2025 with a limit of 1100mg/Nm <sup>3</sup> during this period.

\*The station is scheduled to be decommissioned between 2030 and 2034 according to the 50-year life span.

\*\* All minimum emission standards are expressed on a daily average basis, under normal conditions of 273 K, 101.3 KPa, 10% oxygen and dry gas.

This decision will have to be reflected in your Atmospheric Emission License to be of force and effect. You are required to liaise with the relevant Atmospheric Emission Licensing Authority in this regard as soon as is reasonably possible so that the required amendments, variations and additions to your Atmospheric Emission License can be effected.

In addition, you are to implement an offset programme to reduce PM pollution in the ambient/receiving environment. A definite offset implementation plan is expected from Eskom by 31 March 2016.

Thank you for the co-operation in matters regarding your application.

Yours sincerely,



**Dr Thuli N. Mdluli**  
**Department of Environmental Affairs**  
**Designation: National Air Quality Officer**

Date: 13/02/2015