



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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Ref: MP/ES-T/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 NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 S21 MINIMUM EMISSION STANDARDS – TUTUKA 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   | 350mg/Nm <sup>3</sup><br>2015-2020      | PM   | 100  | 50   | The postponement decision is granted according to the facility's refurbishment schedule as follows:<br>350mg/Nm <sup>3</sup> from 01 April 2015 to 31 December 2018<br>200mg/Nm <sup>3</sup> from 01 January 2019 to 31 December 2019<br>100mg/Nm <sup>3</sup> from 01 January 2020 |
|  |           | 3400mg/Nm <sup>3</sup><br>for 2015-2020 | SO <sub>2</sub>                                  | 3500 | 500  |   |



TJM

| S21 Category | Appliance | Postponement Sought                  | Emission Standards                               |      |     |   |
|--------------|-----------|--------------------------------------|--|------|-----|---|
|              |           |                                      | Minimum Emission Standards (mg/Nm <sup>3</sup> ) |      |     | Decision  |
|              |           |                                      |  |      |     | based on the sulphur content of the fuel.   |
|              |           | 1200mg/Nm <sup>3</sup> for 2015-2020 | NOx  | 1100 | 750 | Postponement of compliance with the minimum emission standards for new plant is granted from 1 April 2015 to 31 March 2020 with a limit of 1200mg/Nm <sup>3</sup> during this period. |

\*The station is not scheduled to be decommissioned.

\*\* 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 yourselves 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