



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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Reference: FS/SSO-FDDM/20190503

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Mr. Rightwell Laxa  
Sasol South Africa (Pty) Limited  
Sasolburg Operations  
1 Klasie Havenga Street  
Sasolburg  
1947

Email: [rightwell.laxa@sasol.com](mailto:rightwell.laxa@sasol.com)

Dear Mr. Laxa

**RE: APPLICATION FOR POSTPONEMENT OF COMPLIANCE TIME-FRAMES RELATING TO THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 MINIMUM EMISSION STANDARDS FOR SASOL SOUTH AFRICA LIMITED (SASOLBURG OPERATIONS)**

The above-mentioned application has reference.

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

S21 Category	Appliance	Postponement Sought	Emission Standards			Decision
			Minimum Standards (mg/Nm <sup>3</sup> )		Emission	
			Pollutant	2015		
Subcategory 1.1: Solid Fuel Combustion Installation	Steam Station 1	2020-2025	NOx	1100	750	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 1450mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.
			PM	100	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 165mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.
	Steam Station 2	2020-2025	NOx	1100	750	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 1250mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.



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			PM	100	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>100mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
<b>Subcategory 8.1:</b> Thermal Treatment Of General & Hazardous Waste	B6930 (High Sulphur Pitch Incinerator)	2020-2025	PM	25	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>100mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			SO <sub>2</sub>	50	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>3600mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			NO <sub>x</sub>	200	200	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>800mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			Pb+As+S b+Cr+ Co+Cu+ Mn+Ni+V	0.5	0.5	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>6mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			TOC	10	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>15mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
<b>Subcategory 8.1:</b> Thermal Treatment Of General & Hazardous Waste	B6993 (Spent Caustic Incinerator)	2020-2025	PM	25	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>300mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			SO <sub>2</sub>	50	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>260mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			CO	75	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>1110mg/Nm<sup>3</sup></b> for the period 1 April 2020 to

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						31 March 2025.
			NOx	200	200	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>420mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			Pb+As+S b+Cr+ Co+Cu+ Mn+Ni+V	0.5	0.5	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>20mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			TOC	10	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>20mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
<b>Subcategory 8.1: Thermal Treatment Of General &amp; Hazardous Waste</b>	B6990 (Heavy End B Incinerator)	2020-2025	PM	25	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>600mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			SO2	50	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>1050mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			NOx	200	200	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>570mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			Pb+As+S b+Cr+ Co+Cu+ Mn+Ni+V	0.5	0.5	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>60mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			HF	1	1	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of <b>3.3mg/Nm<sup>3</sup></b> for the period 1 April 2020 to 31 March 2025.
			TOC	10	10	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of

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						15mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.
						Exit gas temperatures must be maintained below 1000°C
						Exit gas temperatures must be maintained below 1000°C from 01 April 2020 to 31 March 2025

\* All minimum emission standards are expressed on a daily average/hourly average basis, under normal conditions of 10% O<sub>2</sub>, 273 Kelvin and 101.3 kPa

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

In addition, you are required to submit a quarterly progress report on the implementation of your compliance road map and commitments that you made in support of the postponement application for Sasol South Africa Limited (Sasolburg Operations). You are also required to provide a progress report on implementation of offset projects where applicable, as well as other reporting requirements included in the AEL. The reports must be submitted to the National Air Quality Officer and the Licensing Authority following the department's financial year. The first report must be submitted by 1 April 2020.

Lastly, Sasol South Africa Limited (Sasolburg Operations) is required to implement an offset programme to reduce PM and SO<sub>2</sub> pollution in the ambient/receiving environment as your facility is located in the VTAPA Priority Area. A definite offset implementation plan is expected from Sasol South Africa Limited (Sasolburg Operations) by 31 January 2020.

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

Yours sincerely



**Dr Thull N. Khumalo**

**Department of Environmental Affairs**

**Designation: National Air Quality Officer**

**Date: 04 NOVEMBER 2019**