



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Ref: FS/SSO-FDDM/20170419
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Ms Wrenelle Stander
Sasol South Africa (Pty) Ltd
Sasolburg Operations
1 Klasie Havenga Street
Sasolburg
1947

Dear Applicant,

**APPLICATION FOR POSTPONEMENT OF COMPLIANCE TIME-FRAMES RELATING TO THE
NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 MINIMUM EMISSION
STANDARDS FOR SASOL 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			
			Minimum Emission Standards (mg/Nm ³)			Decision
			Pollutant	2015	2020	
Sub-Category 8.1: Thermal Treatment of General & Hazardous Waste*	B6930 (High Sulphur Pitch Incinerator)	2015-2020	PM	25	10	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 100 mg/Nm³ during this period.
			SO ₂	50	50	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 3600 mg/Nm³ during this period.
			NO _x expressed as NO ₂	200	200	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 800 mg/Nm³ during this period.



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S21 Category	Appliance	Postponement Sought	Emission Standards			
			Minimum Emission Standards (mg/Nm ³)			Decision
			Pollutant	2015	2020	
			Sum of Pb, As, Sb, Cr, Co, Cu, Mn, Ni and V	0.5	0.5	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 6 mg/Nm ³ during this period.
			Cd + Tl	0.05	0.05	Postponement of compliance is declined as emission results indicate that the facility is in compliance with the existing and new plant standards. The requirement to comply with the minimum emission standards for existing and new plant remains in place.
			TOC	10	10	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 15 mg/Nm ³ during this period.
Sub-Category 8.1: Thermal Treatment of General & Hazardous Waste*	B6993 (Spent Caustic Incinerator)	2015-2020	PM	25	10	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 300 mg/Nm ³ during this period.
			SO ₂	50	50	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 260 mg/Nm ³ during this period.
			CO	75	50	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 1110 mg/Nm ³ during this period.
			NO _x expressed as NO ₂	200	200	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 420 mg/Nm ³ during this period.
			Sum of Pb, As, Sb, Cr, Co, Cu, Mn, Ni and V	0.5	0.5	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 20 mg/Nm ³ during this period.
			TOC	10	10	Postponement of compliance with the existing plant standards is granted from



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S21 Category	Appliance	Postponement Sought	Emission Standards			
			Minimum Emission Standards (mg/Nm ³)			Decision
			Pollutant	2015	2020	
						01 April 2018 to 31 March 2020 with a limit of 20 mg/Nm³ during this period.
Sub-Category 8.1: Thermal Treatment of General & Hazardous Waste*	B6990 (Heavy End B Incinerator)	2015-2020	PM	25	10	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 600 mg/Nm³ during this period.
			SO ₂	50	50	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 1050 mg/Nm³ during this period.
			NO _x expressed as NO ₂	200	200	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 570 mg/Nm³ during this period.
			Sum of Pb, As, Sb, Cr, Co, Cu, Mn, Ni and V	0.5	0.5	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 60 mg/Nm³ during this period.
			HF	1	1	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 3.3 mg/Nm³ during this period.
			TOC	10	10	Postponement of compliance with the existing plant standards is granted from 01 April 2018 to 31 March 2020 with a limit of 15 mg/Nm³ during this period.
			Exit gas temperatures must be maintained below 1000°C			Exit gas temperatures must be maintained below 1000°C from 01 April 2018 to 31 March 2020

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



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The postponement period granted is 2 years. This is to comply with the legal requirements in terms of the Air Quality Act that a postponement period should not to exceed five years as three years has already elapsed since the previous decision was granted in 2015.

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. You are also required to submit your emission reports and the compliance roadmap progress update on a quarterly basis to both the Licensing Authority and the National Air Quality Officer.

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: 27/03/2018