



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 8000, Fax: +27 86 625 1042

Reference: GP/AMVW-SDM/20190417
Enquiries: Derrick Makhubele
Tel: (012) 399 9800 Email: dmakhubele@environment.gov.za

Mr. Werner Venter
ArcelorMittal South Africa Limited
Vanderbijlpark Steel Works
P O Box 2
Vanderbijlpark
1900

Email: Werner.Venter@arcelormittal.com

Dear Mr. Venter,

RE: APPLICATION FOR ALTERNATIVE LIMIT/POSTPONEMENT OF COMPLIANCE TIME-FRAMES RELATING TO THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 MINIMUM EMISSION STANDARDS FOR ARCELORMITTAL SOUTH AFRICA LIMITED (VANDERBIJLPARK STEEL WORKS)

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 period sought	Emission Standards			Decision
			Minimum Emission Standards (mg/Nm ³)		Decision	
			Pollutant	2015		
Subcategory 3.1a: Combustion Installations	Coke Oven Gas	2020-2025	H ₂ S	Recovery efficiency of not less than 90% measured as Hydrogen Sulphide	Recovery efficiency of not less than 90% measured as Hydrogen Sulphide	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with Sulphur-containing compounds to be recovered from gases to be used for combustion with a recovery efficiency of not less than 90% for the period 1 April 2020 to 31 March 2025.
Subcategory 3.2: Coke Production	Coke oven Battery 4		H ₂ S	10	7	Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 40mg/Nm ³ for the period 1 April 2020 to 31 March 2025.
	Coke oven					Alternative limit is declined and



TNK

APPLICATION FOR POSTPONEMENT OF COMPLIANCE TIME-FRAMES RELATING TO THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT 39 OF 2004 MINIMUM EMISSION STANDARDS FOR ARCELORMITTAL SOUTH AFRICA LIMITED (VANDERBIJLPARK STEEL WORKS)

	Battery 6					postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 50mg/Nm3 for the period 1 April 2020 to 31 March 2025.
	Coke oven Battery 7					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 70mg/Nm3 for the period 1 April 2020 to 31 March 2025.
	Coke oven Battery 8					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 50mg/Nm3 for the period 1 April 2020 to 31 March 2025.
	Coke oven Battery 9					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 30mg/Nm3 for the period 1 April 2020 to 31 March 2025.
Subcategory 4.12: Pre-reduction and Direct Reduction	Direct reduction iron making Kiln 3	SO ₂	1700	500		Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 800mg/Nm3 for the period 1 April 2020 to 31 March 2025.
	Direct reduction iron making Kiln 4					Isokinetic monitoring showed compliance with the new plant minimum emission standards for SO ₂ . Therefore postponement application is declined.
	Direct reduction iron making Kiln 5					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 700mg/Nm3 for the period 1 April 2020 to 31 March 2025.
	Direct reduction iron making Kiln 6					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of



TNK



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 389 9000, Fax: + 27 86 625 1042

						750mg/Nm ³ for the period 1 April 2020 to 31 March 2025.
--	--	--	--	--	--	---

* All minimum emission standards are expressed on a daily average basis, under normal conditions of 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 ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works). 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 July 2020.

Lastly, ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works) is required to implement an offset programme to reduce SO₂ pollution in the ambient/receiving environment as your facility is located in the VTAPA Priority Area. A definite offset implementation plan is expected from ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works) by 1 July 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: 23/03/2020

