



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 9000, Fax: + 27 86 625 1042

Reference: GP/AMVW-SDM/20190417
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The Atmospheric Emission Licensing Authority
Sedibeng District Municipality
P O Box 471
Vereeniging
1930

CC: The Provincial Air Quality Officer
Gauteng Province

Email: Michaeln@sedibeng.gov.za

Dear Atmospheric Emission Licensing Authority,

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 excellent co-operation and concurrence with the National Air Quality Officer in reaching the decision regarding ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works) is highly appreciated. As you are aware, the final decision is as follows:

S21 Category	Appliance	Postponement period sought	Emission Standards			Decision
			Minimum Emission Standards (mg/Nm ³)			
			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

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APPLICATION FOR SUSPENSION 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)

						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 Battery 6					Alternative limit is declined and postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 50mg/Nm ³ 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/Nm ³ 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/Nm ³ 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/Nm ³ 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/Nm ³ 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/Nm ³ for the period 1 April 2020 to 31 March 2025.





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	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 750mg/Nm ³ for the period 1 April 2020 to 31 March 2025.
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* All minimum emission standards are expressed on a daily average basis, under normal conditions of 273 Kelvin and 101.3 kPa

As required by national legislation, this decision has to be reflected in the facility's Atmospheric Emission Licenses to be of force and effect. Kindly embark on the necessary process as soon as is reasonably possible so that the required amendments, variations and additions to the Atmospheric Emission License can be effected.

In addition, ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works) is required to submit a quarterly progress report on the implementation of their compliance road map and commitments that were made in support of their postponement application. ArcelorMittal South Africa Limited (Vanderbijlpark Steel Works) is 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 the 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 continued co-operation in all matters regarding air quality management.

Yours sincerely,

Dr Thull N. Khumalo
Department of Environmental Affairs
Designation: National Air Quality Officer

Date: 23/03/2020

