



# environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

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Reference: KZN/AMNW-ADM/20190417  
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The Atmospheric Emission Licensing Authority  
Amajuba District Municipality  
Private Bag X6615  
Newcastle  
2940

CC: The Provincial Air Quality Officer  
KwaZulu-Natal Province

Email: [nothilem@amajuba.gov.za](mailto:nothilem@amajuba.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 (NEWCASTLE 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 (Newcastle Steel Works) is highly appreciated. As you are aware, the final decision is as follows:

S21 Category	Appliance	Suspension period sought	Emission Standards			Decision
			Minimum Emission Standards (mg/Nm <sup>3</sup> )			
			Pollutant	2015	2020	
Subcategory 3.1a: Combustion Installations	Coke Oven Gas	2020-2025	H <sub>2</sub> 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 3.1: Combustion Installations	Coke Battery		PM	100	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 90mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.

**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 (NEWCASTLE STEEL WORKS)**

<b>Subcategory 3.2:</b> Coke Production	Coke Battery		H <sub>2</sub> S	10	7	Alternative limit is declined. The facility is required to undertake emission measurements and reports quarterly until 31 March 2022 after which the limits will be determined.
<b>Subcategory 4.5:</b> Sinter Plants	Sinter Plant (P1)		PM	100	50	Postponement of compliance timeframe with the minimum emission standards for new plant is granted with a limit of 80mg/Nm <sup>3</sup> for the period 1 April 2020 to 31 March 2025.

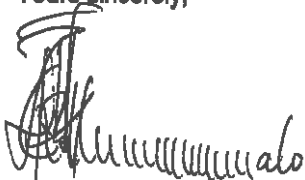
\* All minimum emission standards are expressed on a daily average basis, under normal conditions of 273 Kelvin and 101.3 kPa

As required by national legislation, this decision will have to be reflected in the facility's Atmospheric Emission License 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, the facility is required to submit a quarterly progress report on the implementation of their compliance roadmap and commitments that they made in support of the postponement application for ArcelorMittal South Africa Limited (Newcastle Steel Works). They 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.

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

