

DENSE MEDIA SEPARATION POWDERS (PTY) LTD

PUBLIC NOTICE OF AN APPLICATION FOR THE RENEWAL OF A REGISTRATION CERTIFICATE IN TERMS OF SECTION 61 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004 (ACT NO. 39 OF 2004) FOR THE PRODUCTION OF FERROSILICON (FESI) POWDER

BACKGROUND INFORMATION DOCUMENT

DMS Powders holds a registration certificate for the production of ferrosilicon (FeSi) powder, which was a scheduled process (No.63 Silicon processes) listed in the Second Schedule of the Atmospheric Pollution Prevention Act, 1965 (Act No. 45 of 1965) (APPA). The deadline for applications for renewal of the registration certificates, in terms of Section 61 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) was on the 31st of March 2013. However, DMS Powders were given extension, by the relevant licensing authority (Sedibeng District Municipality), to submit such a renewal application on or before the 11th of September 2013.

In terms of Section 38 (3)(a) of NEM:AQA, the Departments, Organs of State, Stakeholders and Interested and Affected Parties (I&APs) are herewith notified of the intent to apply for an atmospheric emission license (application for renewal of APPA registration certificate) in terms of Section 37 and Section 38 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) with the relevant licensing authority, Sedibeng District Municipality.

1 Legislation

The production of ferrosilicon (FeSi) powder at DMS Powders is listed in Category 4, Subcategory 4.9: Ferro-alloy production in terms of Government Notice No. 248 as contemplated in Section 21(1)(a) of the NEM: AQA. Refer to Table 1 for the description, application and minimum emission standards for this listed activity.

Table 1: Subcategory 4.9: Ferro-alloy production.

Description	Production of alloys of iron with chromium, manganese, silicon or vanadium, the separation of titanium, slag from iron-containing minerals used in heat		
Application	All Installations		
Substance or mixture of substances	Plant	Mg/Nm ³ under standard	

Common Name	Chemical Symbol	Status	conditions of 273K and 101.3kPa
Sulphur Dioxide	SO ₂	New	500
		Existing	500
Oxides of Nitrogen	NO _x	New	400
		Existing	750
Particulate matter from primary fume capture system, open and semi-closed furnaces			
Particulate Matter	PM	New	30
		Existing	100
Particulate matter from primary fume capture system, closed furnaces			
Particular Matter	PM	New	50
		Existing	100
Particulate Matter from secondary fume capture system, all furnaces			
Particular Matter	PM	New	50
		Existing	100

2 Applicant

Dense Media Separation Powders (Pty) Ltd

3 Location

The project site is located on Portion 4 of the farm Kookfontein 545 IQ in Meyerton, which is approximately 8.7km's to the north of Vereeniging. The GPS coordinates for the site is: Latitude: 26°34'28.77"S, Longitude 27°59'13.77"E.



Figure 1: Google earth image of DMS Powders

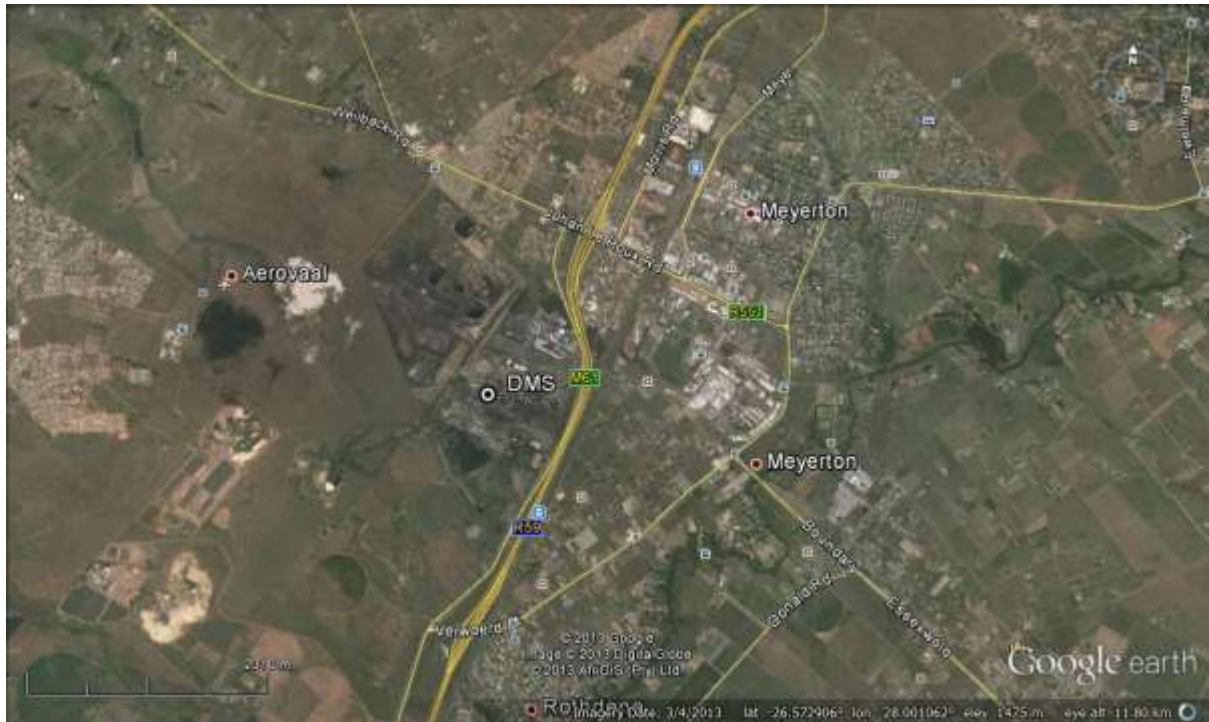


Figure 2: Google earth image of the area surrounding DMS Powders

4 Environmental Consultants

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5 Activity Description

DMS Powders produces ferrosilicon (FeSi) powder for use in dense media separation technology. Two different processes are used at DMS Powders, namely Atomized FeSi production and Milled FeSi production.

Installations contained in the APPA registration certificate that contribute to atmospheric emissions include: induction furnace, submerged arc furnace, kiln, atomising tank and ball mills.

6 Public Participation Process

Should you wish to comment on the application, written representations or objections should be submitted to the above mentioned address no later than the 4 September 2013.