

## ***TEST REPORT***

***DATE OF REPORT*** : 8 May 2017

***REFERENCE NO*** : CLS170792

***CLIENT ORDER NO*** : 4300219260

***CONTACT PERSON*** : Adri Cowley

***CLIENT*** : Eskom Holdings SOC Ltd.

***CLIENT ADDRESS*** : Gourikwa Power Station  
P O Box 10438  
Dana Bay  
6510

***CLIENT CONTACT PERSON*** : Maureen Dlulisa

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***ANALYSIS REQUIRED*** : Analysis for BTEX.

***METHOD USED*** : Radiello Method.

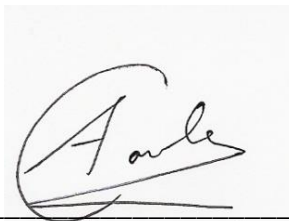
**TEST RESULTS***Table 1 – Analysis for BTEX.*

<b>TEST ITEM DESCRIPTION</b>	<b>TEST ITEM CONDITION</b>	<b>DATE RECEIVED</b>	<b>DATE OF ANALYSIS</b>
<i>Radiello Passive Monitors</i>	<i>Sealed in glass tubes. Received at ambient temperature.</i>	<i>3/03/2017</i>	<i>13/03/2017</i>

**RESULTS: ( $\mu\text{g}/\text{m}^3$ ) – Gourikwa Power Station**

<b>Sample Number</b>	<b>Benzene</b>	<b>Toluene</b>	<b>Ethylbenzene</b>	<b>Total Xylenes</b>
<i>N</i>	<i>0.19</i>	<i>0.83</i>	<i>0.14</i>	<i>0.58</i>
<i>S</i>	<i>0.24</i>	<i>1.64</i>	<i>0.24</i>	<i>1.12</i>
<i>E</i>	<i>0.26</i>	<i>1.15</i>	<i>0.20</i>	<i>0.84</i>
<i>W</i>	<i>0.26</i>	<i>1.46</i>	<i>0.23</i>	<i>1.07</i>

<b>Specific Test Conditions</b>	<i>Samples stored at 5°C prior to analysis. Analysis performed by Thermal Desorption Gas Chromatography Mass Spectrometry.</i>
<b>Detection Limit</b>	<i>1 ng per compound..</i>
<b>Comments</b>	<i>None.</i>

**WORK APPROVED BY:**


**Adri Cowley**  
(Laboratory Manager)  
(Technical Signatory)



**Eugene Cowley**  
(Technical Manager)  
(Technical Signatory)

8/05/2017  
**Date**

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*Results express in ppm, ppb, mg/m<sup>3</sup> or µg/m<sup>3</sup> were calculated using data supplied by the client.*