

GMR Agri Business

GMR Industries Limited



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September 3, 2008

The Chairman
CDM Executive Board,
UNFCCC,
Bonn,
Germany.

Dear Sir,

Sub : Clarifications to Review requested for: request for issuance for "Methane recovery and power generation in a distillery plant" (0505).

This is with reference to the request for review (Issuance) raised by Executive Board members for the project "Methane recovery and power generation in a distillery plant" by GMR Industries: (Reference No 505). We are enclosing herewith our clarifications on the comments raised for your consideration. The undersigned would be the focal point for all communications in this regard

Thanking you

Yours faithfully
For GMR Industries Limited


Brajesh Kumar

Associate Manager – Business Development & CDM

Reasons for request 1,2 and their clarification are provided in the table below:

1.	<p>The methane content in biogas was sampled three times a day and a daily methane content has been reported. The DOE is requested to clarify how it has verified that this periodical measurement has resulted in 95% confidence level, as required by the methodology.</p>										
Reply from PP	<p>A data set is said to have 95% confidence level if there is less than a 1 in 20 chance of any sample falling outside \pm twice the Standard Deviation (http://www.microbiologybytes.com/maths/1011-18.html). The daily methane content data was statistically analyzed and it was found that among the sample size of 117 only 1 data for 10th June 07 is falling outside plus minus twice of Standard deviation.</p> <p>Calculated values are:</p> <table border="1" data-bbox="431 720 911 930"> <tr> <td>Standard Deviation</td> <td>0.61</td> </tr> <tr> <td>Mean</td> <td>62.24</td> </tr> <tr> <td>2SD</td> <td>1.22</td> </tr> <tr> <td>Mean+2SD</td> <td>63.45</td> </tr> <tr> <td>Mean-2SD</td> <td>61.02</td> </tr> </table> <p>Amongst the data set only one value lies beyond 61.02 and 63.45, hence it can be inferred that the Confidence interval complies to 95% level.</p> <p>The CER Spreadsheet now also includes the calculation of the Confidence level for methane content data.</p>	Standard Deviation	0.61	Mean	62.24	2SD	1.22	Mean+2SD	63.45	Mean-2SD	61.02
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Mean	62.24										
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2.	<p>The project emission due to power consumption for the month of May was incorrectly copied in the summary spreadsheet, resulting in a higher project emission.</p>										
Reply from PP	<p>The summary spreadsheet and monitoring report has been revised accordingly.</p>										