



**CDM: Response form for Request for revision of approved methodologies  
(version 01.1)**

<i>Date of Meth Panel meeting:</i>	31 October - 4 November 2011
<i>Title and number of Request for revision</i>	Revised ACM0001 ver12 AM_REV_0221

**Summary of the query:**

Please use the space below to summarize the request for revision on the related approved methodologies.

ACM0001 “Consolidated baseline and monitoring methodology for landfill gas project activities” is applicable to project activities that capture landfill gas which is flared or used to produce energy. Emission reductions can be claimed for thermal energy generation, only if the LFG displaces the use of fossil fuels in a boiler or an air heater.

The request for revision seeks to broaden the applicability conditions, so that the emission reductions can be claimed when the LFG displaces fossil fuels to produce thermal energy in a kiln.

A summary of the proposed revisions:

1. *Sources.* To include the reference to “Tool to determine the remaining lifetime of equipment”;
2. *Definitions.* To include the definition of “best available technology”;
3. *Applicability.* To include conditions specific for kiln productions and restrict applicability of projects where the primary objective is to improve energy efficiency of the kiln; and
4. *Baseline emissions.* To include the provision that the baseline scenario must be reassessed at the end of lifetime for each equipment (e.g. generator, boiler, air heater or kiln) where landfill gas is used to replace fossil fuel. As well as, to include the baseline emissions from (1) the fossil fuels used in the kiln and displaced by the LFG; and (2) the methane destroyed in a kiln.

This revision request is based on a previous request (AM\_REV\_0210), which was not approved due to the following reasons:

- No baseline identification procedure is provided for the kiln operation.
  - *With the inclusion of the requirement to reassess the baseline scenario at the end of lifetime of the kiln, the baseline can be identified using the existing procedure of thermal energy generation.*
- The proposed revision does not address the possible impact of using a less carbon-intensive fossil fuel in the kiln after the end of the kiln’s remaining lifetime than the fossil fuel used in the baseline scenario.
  - *A procedure is included in the revision that the baseline scenario must be updated at the end of lifetime of the kiln.*
- The proposed revision does not address the possible impact of increased production capacity after the end of the kiln’s remaining lifetime.
  - *A procedure is included that the baseline scenario must be updated at the end of lifetime of the kiln.*
- If/when the products from the kiln (e.g. due to changes in raw materials or additives) or the production process of the kiln is changed, the requirements on heat inputs and fuel usage could change. The proposed revision does not account for this.

- *The project proponent must select the lower of two options to determine the baseline emissions due to replacement of fossil fuels in the kiln. The first option is based on monitoring landfill gas used in the kiln. The second option is using the specific energy requirements of best available technology, given as conservative default values.*
- The two approaches proposed to estimate the specific emission factor,  $CEF_{j,k,BL}$ , for the period after the end of the kiln's remaining lifetime, C3 and C4, do not contain detailed procedures to estimate a best available technology benchmark and specific algorithms to estimate a theoretical minimum benchmark.
  - *This approach has been removed from this revision request.*

**Recommendation by the Meth Panel:**

(a) Please use the space below to provide amendments /changes (in your expert view, if necessary).

Not applicable.

(b) Please use the space below for providing guidance, as per Para 93 of EB25 Report, on what type of projects need to revise the PDD as a consequence of the suggested revision, if the recommendation is to revise the methodology.

Not applicable.

**Answer to authors of the request for revision by the Meth Panel :**

Please use the space below to provide an answer to the authors of the above query

The Meth Panel considers that this request for revision is consistent with the objectives of the top down revision of ACM0001 and recommends to approve the request for revision with modifications as necessary. The draft revised methodology is annexed to the fifty-third Meth Panel meeting report.

Signed by the Chair, Mr. Philip Gwage

Date: 4/11/2011

Signed by the Vice-Chair, Mr. Lex de Jonge

Date: 4/11/2011

**Information to be completed by the secretariat**

F-CDM-AM	AM_REV_0221
Name of the authors of the query:	SQS
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