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

Date of Meth Panel meeting:	04 - 08 February 2008
Title and number of Request for revision	AM0036 version 2. Revision proposal to calculate heat output for smaller boilers. AM_REV_0077

Summary of the query:

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

The request is to revise AM0036 in order to introduce a calculation of emissions from heat generated in smaller boilers (i.e. that have domestic heating, bathing and cooking functionalities).

The project involves the replacement of 20,000 fossil fuelled boilers in households in a municipality of China, by installing new boilers that have been specially designed for biomass briquette gasification. The objective is to displace fossil fuel consumption by using biomass residues.

Recommendation by the Meth Panel:

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

The Meth Panel concludes that the characteristics of the project activity behind this request for revision are very different in nature from the type of project activities, for which AM0036 has been designed, namely the use of biomass residues to fire boilers to produce steam or hot gases for industrial processes. The following issues would pose significant challenges while trying to make AM0036 applicable to municipal deployment of small boilers used for domestic applications:

1. Sourcing of heat for domestic applications may consist of different equipment other than small boilers (i.e. electrical appliances, small gas stoves, etc.) that can be arranged in different configurations in order to cater heat requirements (i.e. hot water, cooking, etc.) in any given house (e.g. a household may decide to switch to a lower capacity boiler combined with electrical water-heating). To this extent, the methodology would require a different procedure for the selection and identification of the baseline scenario, which would need to include all thermal heat equipments in the project boundary.

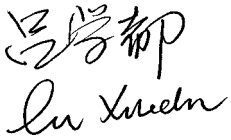
2. Further, the proposed method to determine the total heat generated in all boilers at the project site ($HG_{PJ,total,y}$) holds a great deal of uncertainty. AM0036 determines this on the basis of difference of enthalpies (i.e. via measurements of mass flows, temperature and pressure). Nevertheless, in the proposed revision, this parameter is derived from the amount of biomass sold to operators of boilers, assuming that the total amount of biomass sold will be actually fired in the boilers of the project activity. At the household level, a more robust and accurate approach would be necessary to establish baseline emissions on the basis of verifiable data as well as project emissions on the basis of monitored parameters.

(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.

N/A

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
Not to revise ACM0036. Project participants are encouraged to develop and submit a new methodology for the use of biomass residues in small boilers for heat generation in domestic applications addressing the issues highlighted above. Alternatively, they can explore possibilities of developing a program of activities using AMS-I.C.

Signature of Meth Panel Chair ……..
Date: 08/02/2008 *(Akihiro Kuroki)*



Signature of Meth Panel Vice-Chair ……..
Date: 08/02/2008 *(Xuedu Lu)*

Information to be completed by the secretariat	
F-CDM-AM	AM_REV_0077
Name of the authors of the query:	SGS-UKL
Date when the form was received at UNFCCC secretariat	8 February 2008
Date of transmission to the EB	8 February 2008
Date of posting in the UNFCCC CDM web site	8 February 2008