



**CDM: Response form for request for clarification on  
Approved Methodologies  
(version 01.1)**

<i>Date of Meth Panel meeting:</i>	11 - 15 June 2012
<i>Title and number of request for clarification</i>	Clarification about project boundary in ACM0012 version 04.0  AM_CLA_0230

**Summary of the query:**

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

ACM0012 version 04.0 applies to project activities implemented in an existing or greenfield facility converting waste energy carried in identified waste energy carrying medium stream(s) into useful energy.

The request for clarification is sought on a project activity briefly described below.

The project is located is an Industrial Park which consists of 27 dyeing factories whose wastewater is led to a common treatment plant (prevention facility). The legal requirement is for each of these dyeing factories to have the outlet wastewater temperature at 40°C before it is collected in the prevention facility.

The project activity comprises of recovery of this low quality heat of the wastewater by means of a heat pump to produce thermal energy (hot water), and have this raised temperature (70°C to 80°C) as boiler feed water. In absence of the project activity the entire thermal energy would be supplied by fossil fuel.

Request for clarification is sought on following points:

Point 1.1 project boundary: Should each Dyeing facility be included in the project boundary or would the project boundary at the inlet to the prevention facility?

Point 1.2 setting the baseline: Should the capping factor be set for the quantity of wastewater generated at each dyeing facility or to the quantity of wastewater received by the prevention facility?

Point 2. leakage of refrigerant: Since ACM0012 has no provisions for calculation of emissions from refrigerant, can provisions of AM0060 be used in this case?

**Recommendation by the Meth Panel:**

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

Not applicable.

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

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

Clarification point 1.1 of the request

As per project description provided in the clarification request, the source of waste energy is each individual dyeing facility. Therefore, in accordance with the definition of 'project facility' that is the facility where the waste energy is available, each dyeing facility has to be included in the project boundary.

Further, the methodology requires the project boundary to include the relevant WECM stream(s), equipment and energy distribution system in the project and recipient facilities, which in this case includes each dye factory that generates the waste energy. Therefore, each individual dyeing facility should be included in the project boundary.

Clarification point 1.2 of the request

The methodology determines a cap based on the historic production of waste energy at the waste energy generating facility, that is in this particular case the waste energy generated at each of the dye facilities. It is assumed here that historical or design information of the dyeing facilities is available. Method-1 and method-2 may be applied considering the quantity of wastewater capped at each dyeing factory.

Clarification point 2 of the request

The PP/DOE should submit a revision to or a deviation from the methodology in order to account for emissions due to refrigerant use.

Signed by the Chair, Mr. Thomas Bernheim

Date: 15/06/2012

Signed by the Vice-Chair, Mr. Hugh Sealy

Date: 15/06/2012

**Information to be completed by the secretariat**

F-CDM-AM	AM_CLA_0230
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