



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

<i>Date of Meth Panel meeting:</i>	23 - 27 June 2008
<i>Title and number of Request for revision</i>	Catalytic N ₂ O destruction in the tail gas of existing Nitric Acid or Caprolactam Production Plants and newly built Nitric Acid Plants AM_REV_0089
<u>Summary of the query:</u> Please use the space below to summarize the request for revision on the related approved methodologies.	
<p>The aim of the request of revision is to allow new Nitric Acid plants to be included in the methodology NM0028. The project participants propose a series of changes in the applicability conditions, baseline selection and baseline emission.</p> <p>To determine the baseline scenario for new nitric acid plants, it is proposed to include an additional step (Step 0) in the section of baseline scenario identification. This step is used to demonstrate that the decision to invest, erect and operate a new nitric acid production capacity and the new chemical complex was solely driven by the projected demand of the final products and the availability of required raw materials, and therefore without taking CER revenues into account.</p> <p>The new proposal also proposes to use IPCC emission factor for the baseline scenario. The project proponents suggest that 0.0045tN₂O/tHNO₃ shall be used as conservative default value.</p>	
<u>Recommendation by the Meth Panel:</u> (a) Please use the space below to provide amendments /changes (in your expert view, if necessary).	
<p>The PP proposes to extend the applicability of AM0028 to a limited number of new nitric acid plants: basically those for which the purchase contracts of the equipment (i.e. the starting date of the project) took place prior to 07/10/2006, the date of registration of the first project activity under AM0028. The rationale for this condition is to prove that the decision to construct such the plant and its location in an annex I country was made without consideration of the CDM.</p> <p>The Meth Panel is of the opinion that the applicability condition submitted by the project proponent is not sufficient to prove that the project proponent was not aware of the CDM when deciding about the implementation of his nitric acid project plant.</p> <p>In order to open the methodology to new plants, the project proponent should develop a “baseline selection” procedure including the determination of the baseline scenario for the production of the main product of the chemical complex. The possibility that the plant could have been built in an Annex I country and/or the fact that the new plant could displace, at least partly, existing production in an Annex I country would have to be considered by the methodology. The procedure used in the latest revision of AM037 could be useful in this context. There would also be a need to address the selection of the type of De NO_x process in the baseline case. The applicability condition “the PP should not operate any nitric acid plant located in an Annex 1 country is not valid to this regard.</p> <p>The baseline emissions cannot use the default value of 4.5 kgN₂O/tHNO₃ from IPCC. This value is suggested for inventory purposes, thus is not conservative for baseline emission calculations but for projects emissions estimations. This emission factor is defined as the “highest default emission factor based on technology type” (2006 IPCC guidelines for National Greenhouse Gas Inventories. Chapter 3: Chemical Industry Emissions, 3.21). A conservative baseline emission factor should be defined for instance based on direct measurement in recently built existing plants.</p>	

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 recommendation is not to revise the methodology, see comments above.](#)


Signature of Meth Panel Chair

Date: 27/06/2008

(Akihiro Kuroki)



Signature of Meth Panel Vice-Chair

Date: 27/06/2008

(Philip Gwage)

Information to be completed by the secretariat

F-CDM-AM	AM_REV_0089
Name of the authors of the query:	TUEV-SUED
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