



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 02.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL/ WG

Date and number of Panel / WG meeting:	21–24 October 2014/MP 65
Title/Subject of the request for clarification:	AM0028 correct application of IPCC default value
Reference number of the request for clarification:	AM_CLA_0263
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AM0028 version 1.0 “Catalytic N ₂ O destruction in the tail gas of Nitric Acid Plants”
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

Original text from Stakeholder:

The approved methodology AM0028 demands under certain circumstances the application of an IPCC default value to calculate the baseline emissions in a conservative manner. This is the case in situations when the nitric acid production plant operates outside the pre-defined limits for certain operational parameters.

In this context Version 1 of the methodology AM0028 provides a IPCC default value of 4.05 kg N₂O/ tonne nitric acid to be used for calculation of baseline emissions. However, the exact source of this value is not further mentioned and it is not explained how this value was derived.

Version 2 and all later versions of the methodology AM0028 provides a value of 4.5 kg N₂O/ tonne nitric acid for application in the same context. Furthermore version 2 provides now a source for this value. In footnote 4 of AM0028 version 2 the value is referenced to:

Pre-publication Draft 2006 IPCC Guidelines accepted by the 21st Session of the IPCC, the conservative IPCC default value of Nitric Acid Plants is based on the default emission factor for low-pressure plants.

The 2006 IPCC Guidelines for National Greenhouse Gas Inventories in its chapter 3 table 3.3 mentions default emission factors for N₂O emissions from Nitric Acid plants. The lowest value for nitric acid plants without N₂O destruction facilities being 5.0 kg N₂O/tonne nitric acid +/- 10%. After taking the uncertainty of 10% conservatively into account the default factor results in 4.5 kg N₂O/tonne nitric acid.

As both versions of the methodology AM0028 refer to the same IPCC value and taking into account that version 1 of the methodology mentions no clear source of the value, it should be clarified if it was the intention to use the same value and that it was corrected with version 2 of the methodology.

If it was the intention to use the same value of 4.5 kg N₂O/tonne nitric acid for both versions of the methodology please clarify if a project that was registered under AM0028 version1 could also use the value of 4.5 kg N₂O/tonne nitric acid in the above mentioned context.

Clarification by the secretariat or Panel / WG

The Methodologies Panel (Meth Panel) of the Executive Board (hereinafter referred to as the Board) of the clean development mechanism (CDM) would like to thank the author for the submission.

The Meth Panel agreed to clarify as follows:

- (a) In response to AM_REV_0017, the Board earlier revised the methodology AM0028, wherein it explained that “The default emission to be referred to when the plant is operating out of normal temperature and pressure range are defined according the IPCC guidelines, i.e. for nitric acid plants, the figure shall be 4.5kg N₂O/ton of nitric acid (change from 4.05 kg N₂O/ton of nitric acid in accordance with AM0034)”;
- (b) It is not possible to directly use the value of 4.5 in version 1.0, however, if the PP wishes to apply the value of 4.5, they may apply version 2.0 of the methodology;
- (c) To change the applied version of the methodology in a registered project activity (from version 1.0 to version 2.0 in this case), please follow the relevant procedures indicated in regulatory documents of the Board (Project Standard and Project Cycle Procedures).

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
02.0	18 July 2013	Revised to remove the row “Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)”
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none"> • Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1) • Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)

Decision Class: Regulatory
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