CDM: Proposed New Methodology
Meth Panel summary recommendation to the Executive Board
(version 01)
(To be used by the Meth Panel in addition to the full recommendation to the Board regarding a proposed new methodology (F-CDM-NMmp))

Date and number of Meth Panel meeting:	04 - 07 April 2006 / Meth Panel 20
Related F-CDM-NM document ID number (electronically available to EB members)	F-CDM-NM0117rev: "Nanjing Chemical Industries Co Ltd (NCIC) Nitrous Oxide Abatement Project"
Title of proposed new baseline methodology:	Baseline Methodology for catalytic N2O destruction in the Reactor/Burner gas of Nitric Acid Plants
Title of underlying project activity:	Nanjing Chemical Industries Co Ltd (NCIC) Nitrous Oxide Abatement Project
History of submission: (new section)	First submission (Round 10; 19 April 2005) Final recommendation at Meth 18 Second submission (Round 13; 05 October 2005) Clarifications received in response to preliminary recommendation at Meth Panel 19 Final recommendation at Meth Panel 20

1. One sentence describing the purpose of the methodology.
(new section)

>> This methodology is designed for projects that reduce N2O emitted as a byproduct of nitric acid production, through insertion of additional catalytic devices just after the ammonia burner (i.e. secondary destruction method).

2. Suggested applicability of methodology
(former section A.I and B.I)

>> This methodology is designed for projects that reduce N2O emitted as a byproduct of nitric acid production, through insertion of additional catalytic devices just after the ammonia burner (i.e. secondary destruction method). Applicability should be as suggested in the CDM-NMB.

3. Summary description of baseline methodology. Short statements on each on how the proposed methodology: *(chooses the baseline scenario, demonstrates additionality, calculates baseline emissions, calculates project emissions, calculates leakage, calculates emission reductions)*
(former section B.I.)

>> N2O content is measured just before and after the destruction catalysts in the ammonia burner (by way of measuring the flow of gas containing N2O and the concentration of N2O).

4. Suggested "recommendation level" for the baseline and monitoring methodologies (A, B or C).
(former section A.I and A.II.)

>> C. Not to be approved.

5. Major reasons for B/C choice from the proposed baseline methodology: (outline the major reasons for needing revision/rejection)
(former section A.I.)

>> Temperature, pressure and catalyst composition needs to be within the "permitted range". However, it is not clear how this permitted range may be obtained.

The relationship and role of the monitoring points (three of which is proposed to be installed) upon estimation of baseline and project emission is unclear, and is not reflected in the monitoring methodology.

It needs to be demonstrated that, during the project activity, composition of ammonia oxidation catalyst is not changed in a way to enhance N2O production in the baseline. An example would be as follows:

Applicability conditions for this methodology needs to incorporate the characteristics of the ammonia burner, such as by limiting the chamber length after the cooling bundles in the ammonia burner to be sufficiently short (e.g. 30-40cm) to ensure that the gas temperature is cool enough not to cause significant N2O decomposition in the baseline.

6. Any major issues arising from the assessment of the proposed monitoring methodology (if different to those already raised above).

(former section A.II.)

>> The monitoring methodology does not refer to many of the measurements described in the baseline methodology, as described above.

7. Any other issues arising to be stated, if necessary (e.g. cross-cutting, general or precedent-setting issues raised by the proposed new baseline or monitoring methodology).

>> Recommendation for NM0143, which can be applied to identical type of project activities, is in progress with a view to approval by the next Methodologies Panel.

Signature of Meth Panel Chair ……..

Date: 13/04/2006 *(Rajesh Kumar Sethi)*

Signature of Meth Panel Vice-Chair ……..

Date: 13/04/2006 *(Jean-Jacques Becker)*

Information to be completed by the secretariat	
F-CDM-NMmp doc id number	F-CDM-NM01117-rev
Date when the form was received at UNFCCC secretariat	13 April 2006
Date of transmission to the EB	13 April 2006
Date of posting in the UNFCCC CDM web site	13 April 2006