



# CERTIFICATION REPORT

## RASHTRIYA CHEMICALS & FERTILIZERS LIMITED

N<sub>2</sub>O ABATEMENT IN HP NITRIC ACID PLANTS AT  
RASHTRIYA CHEMICALS & FERTILIZERS LIMITED,  
INDIA

**78,457** TON CO<sub>2EQ</sub>

UNFCCC REF No.: 2792

VERIFICATION PERIOD: 2009-11-20 TO 2010-02-12

**REPORT No.: 8106754168-10/167-C01.1**

**Date: 2013-01-22**

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## CERTIFICATION STATEMENT

Rashtriya Chemical and Fertilizers Limited has commissioned the TÜV NORD JI/CDM Certification Program to carry out the 1<sup>st</sup> periodic verification of the project: “N<sub>2</sub>O abatement in HP Nitric Acid plants at Rashtriya Chemicals & Fertilizers Limited, India”, with regard to the relevant requirements for CDM project activities. The project reduces GHG emissions due to catalytic reduction of N<sub>2</sub>O a potent GHG which is an undesirable by-product of nitric acid production process. This verification covers the period from 2009-11-20 to 2010-02-12 (including both days).

In the course of the verification 14 Corrective Action Requests (CAR) and 01 Clarification Requests (CL) were raised and successfully closed. Furthermore no FARs are raised to improve the project in the future. The verification is based on the draft monitoring report, revised monitoring report, the monitoring plan as set out in the registered PDD, the validation report, emission reduction calculation spreadsheet and supporting documents made available to the TÜV NORD JI/CDM CP by the project participant.

As a result of this verification, the verifier confirms that:

- all operations of the project are implemented and installed as planned and described in the validated project design document.
- the monitoring plan is in accordance with the applied approved CDM methodology ie, AM0034 Ver 3.2
- the installed equipment essential for measuring parameters required for calculating emission reductions were not calibrated appropriately thus procedures as per EB 52 annex 60 are applied.
- the monitoring system is in place and functional. The project has generated GHG emission reductions.

As the result of the 1<sup>st</sup> periodic verification, the verifier confirms that the GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner. TÜV NORD JI/CDM CP herewith confirms that the project has achieved emission reductions in the above mentioned reporting period as follows:

Emission reductions: **78,457 t** CO<sub>2e</sub>

Essen, 2013-01-22



Rainer Winter

TÜV NORD JI/CDM Certification  
Program

Verification Team Leader

Essen, 2013-01-22



Stefan Winter

TÜV NORD JI/CDM Certification  
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Final Approval