



CLIMATE
ACTION
RESERVE

Nitric Acid Production Protocol Version 1.0

Protocol Summary

Project Definition: The installation of nitrous oxide (N₂O) abatement technology at a new, existing, upgraded and/or relocated nitric acid plant (NAP) that results in the reduction of N₂O emissions that would otherwise have been vented to the atmosphere. A facility may contain more than one project if it contains multiple nitric acid plants.

Eligibility Requirements

Location: Project must be located in country with an approved Jurisdiction Module.

- United States and its territories
- India

Start Date: Completion of the initial startup testing (up to 9 months) of the abatement catalyst system after the date on which production first commences after the first installation of the secondary and/or tertiary abatement catalyst system.

Performance Standard Test: The project automatically passes the Performance Standard Test by installing one of the following N₂O abatement systems:

- Secondary N₂O abatement catalyst; and/or
- Tertiary N₂O abatement catalyst

Legal Requirements Test: Project developer attests that there are no legal requirements for abatement of N₂O at the project site and must sign the Attestation of Voluntary Implementation. The project is subject to a review of the Legal Requirement Test for each verification period.

- India Module: not subject to Carbon Credit Trading Scheme (CCTS) and Environmental Clearance does not require project activity
- United States: not subject to the Tailoring Rule under the Clean Air Act

Regulatory Compliance: Must be in material compliance with all applicable laws and regulations. Must sign the Attestation of Regulatory Compliance each verification period.

Social and Environmental Safeguards: Must not give rise to social or environmental harm. Project developer must submit the Environmental and Social Safeguards Form each verification period.

Reporting and Verification Schedule: A reporting period may not exceed 12 months in length, except for the initial reporting period of the first crediting period, which may be up to 24 months in length. Sub annual and sub-campaign reporting and verification are allowed.

Other Eligibility Requirements:

- Clear ownership of greenhouse gas (GHG) emissions reductions must be established
- Project must not be registered with any other registry for the same vintages of reductions