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China Adipic Acid Production Protocol V1.0

Protocol Summary

Project Definition

The installation and operation of a new, previously uninstalled nitrous oxide (N₂O) abatement technology and/or the enhancement of an existing control technology at an existing, relocated, or upgraded adipic acid plant (AAP) that results in the reduction of N₂O emissions that would have otherwise been vented to the atmosphere.

Approved N₂O control technologies include:

- Catalytic destruction
- Thermal destruction
- Recycle to nitric acid
- Recycling or utilization technologies

Project Eligibility Requirements

Location: Project must be located within China.

Start Date: Defined as the completion of the initial startup testing of the abatement technology but must be no more than 9 months after the date on which production first commences after the installation or enhancement of specific N₂O control technology. Project must be submitted to the Reserve for listing no more than twelve months after the project start date.

Crediting Period: The crediting period is ten years in length and a project may apply for a second crediting period.

Performance Standard Test: By installing a new approved N₂O control technology not previously installed at the AAP and/or enhancing an existing one, the project passes the performance standard test.

Legal Requirement 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 for each verification period.

Regulatory Compliance: Project activities and project AAP must be in material compliance with all applicable federal, state, and local regulations. Project developer must sign the Attestation of Regulatory Compliance for each verification period.

Reporting and Verification Schedule: A reporting period may not exceed twelve months in length. Sub-annual reporting and verification are allowed. Two reporting periods may be verified in one cycle, for a maximum of 24 months of project data.

Other Eligibility Requirements

- Clear ownership of greenhouse gas emission reductions must be established.
- Must notify the Reserve of increased production above AAP's nameplate capacity.
- Utilize a mandatory minimum 90% baseline abatement efficiency if no previous abatement or maximum abatement achieved over a 5-year lookback period if abatement was over 90%.



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中国己二酸生产协议（第一版）

议定书摘要

项目定义

在现有、已搬迁或已升级的己二酸工厂（AAP）安装和运行新的、尚未安装过的一氧化二氮（N₂O）减排技术，和/或增强现有的控制技术，从而减少原本将排入大气的 N₂O 排放量。

经批准的 N₂O 控制技术包括：

- 催化销毁
- 热销毁
- 回收制成硝酸
- 回收或利用技术

项目资格要求

地点：项目必须位于中国境内。

开始日期：定义为减排技术初始启动测试完成的日期，但不得超过安装或改进特定 N₂O 控制技术后首次投产日期之后的 9 个月。必须于项目启动后十二个月内提交给气候行动储备机构，以便将项目计入名录。

计入期：计入期为十年，一个项目可以申请第二个计入期。

性能标准测试：通过在未曾安装过 N₂O 控制技术的 AAP 安装经批准的新型 N₂O 控制技术，和/或增强现有的控制技术，项目通过了性能标准测试。

法律要求测试：项目开发方证明，在项目场所没有 N₂O 减排的法律要求，必须在每个核查期签署《自愿执行证明》。

合规性：项目活动和 AAP 必须严格遵守所有适用的联邦、州和地方法规。项目开发方必须在每个核查期签署《合规证明》。

报告与核查计划：报告期不得超过十二个月。允许进行一年期以下的报告与核查。一个周期内可以核查两个报告期，最长可包含 24 个月的项目数据。

其他资格要求

- 必须明确温室气体减排主体。
- 必须将超过 AAP 额定产能的增产情况通知气候行动储备机构。
- 如果之前没有进行过减排，则强制使用最低 90% 基准的减排效率；如果减排超过 90%，则使用 5 年回溯期的最大减排量。